

## Recombinant human Keratin, type II cytoskeletal 4

Catalog No: #AP72644



Package Size: #AP72644-1 20ug #AP72644-2 100ug #AP72644-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Recombinant human Keratin, type II cytoskeletal 4
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-534aaSequence Info:Full Length
Other Names	Cytokeratin-4 ;CK-4Keratin-4 ;K4Type-II keratin Kb4
Accession No.	P19013
Uniprot	P19013
Calculated MW	59.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MIARQQCVRGGPRGFSCGSAIVGGGKRGAFSSVSMGGAGRCSSGGFGSRSLYNLRGNKSISMSVAGSRQ GACFGGAGGFGTGGFGAGGFAGFGTGGFGGGFGGSFSGKGGPGFPVCPAGGIQEVNTINQSLTPLHVEID PEIQKVRTEEREQIKLLNNKFASFIDKVQFLEQQNKVLETKWLLQQQTTTTSSKNLEPLFETYLSVLRKQLDTL GNDKGRLQSELKTMQDSVEDFKTKYEEEINKRTAENDFVVLKDKVDAAAYLNKVELEAKVDSLNDINFLKVLV DAELSQMQTHVSDTSVVLMSMDNRRNLDLDSIAEVRAQYEEIAQRSKAEAEALYQTKVQQLQISVDQHGDNLK NTKSEIAELNRMQRLRAEIQKQCQTLQVSVADAEQRGENALKDAHSKRVELEAALQQAKEELARMLREY QELMSVKLALDIEIATYRKLEEGEEYRMSGECQSAVSISVSGSTSTGGISGGLGSGSGFGLSSGFGSGSGSG FGFGGSSVSGSSSSKIISTTTLNKRR
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## References

A mutation detection strategy for oral mucosal keratins K4, K13, and K2p in white sponge nevus.Cassidy A.J., Morley S.M., McLean W.H.I.The finished DNA sequence of human chromosome 12.Scherer S.E., Muzny D.M., Buhay C.J., Chen R., Cree A., Ding Y., Dugan-Rocha S., Gill R., Gunaratne P., Harris R.A., Hawes A.C., Hernandez J., Hodgson A.V., Hume J., Jackson A., Khan Z.M., Kovar-Smith C., Lewis L.R. , Lozado R.J., Metzker M.L., Milosavljevic A., Miner G.R., Montgomery K.T., Morgan M.B., Nazareth L.V., Scott G., Sodergren E., Song X.-Z., Steffen D., Lovering R.C., Wheeler D.A., Worley K.C., Yuan Y., Zhang Z., Adams C.Q., Ansari-Lari M.A., Ayele M., Brown M.J., Chen G., Chen Z., Clerc-Blankenburg K.P., Davis C., Delgado O., Dinh H.H., Draper H., Gonzalez-Garay M.L., Havlak P., Jackson L.R., Jacob L.S., Kelly S.H., Li L., Li Z., Liu J., Liu W., Lu J., Maheshwari M., Nguyen B.-V., Okwuonu G.O., Pasternak S., Perez L.M., Plopper F.J.H., Santibanez J., Shen H., Tabor P.E., Verduzco D., Waldron L., Wang Q., Williams G.A., Zhang J., Zhou J., Allen C.C., Amin A.G., Anyalebechi V., Bailey M., Barbaria J.A., Bimage K.E., Bryant N.P., Burch P.E., Burkett C.E., Burrell K.L., Calderon E., Cardenas V., Carter K., Casias K., Cavazos I., Cavazos S.R., Ceasar H., Chacko J., Chan S.N., Chavez D., Christopoulos C., Chu J., Cockrell R., Cox C.D., Dang M., Dathorne S.R., David R., Davis C.M., Davy-Carroll L., Deshazo D.R., Donlin J.E., D'Souza L., Eaves K.A., Egan A., Emery-Cohen A.J., Escotto M., Flagg N., Forbes L.D., Gabisi A.M., Garza M., Hamilton C., Henderson N., Hernandez O., Hines S., Hogues M.E., Huang M., Idlebird D.G., Johnson R., Jolivet A., Jones S., Kagan R., King L.M., Leal B., Lebow H., Lee S., LeVan J.M., Lewis

L.C., London P., Lorensuhewa L.M., Loulseged H., Lovett D.A., Lucier A., Lucier R.L., Ma J., Madu R.C., Mapua P., Martindale A.D., Martinez E., Massey E., Mawhiney S., Meador M.G., Mendez S., Mercado C., Mercado I.C., Merritt C.E., Miner Z.L., Minja E., Mitchell T., Mohabbat F., Mohabbat K., Montgomery B., Moore N., Morris S., Munidasa M., Ngo R.N., Nguyen N.B., Nickerson E., Nwaokemele O.O., Nwokenkwo S., Obregon M., Oguh M., Oragunye N., Oviedo R.J., Parish B.J., Parker D.N., Parrish J., Parks K.L., Paul H.A., Payton B.A., Perez A., Perrin W., Pickens A., Primus E.L., Pu L.-L., Puazo M., Quiles M.M., Quiroz J.B., Rabata D., Reeves K., Ruiz S.J., Shao H., Sisson I., Sonaiké T., Sorelle R.P., Sutton A.E., Svatek A.F., Svetz L.A., Tamerisa K.S., Taylor T.R., Teague B., Thomas N., Thorn R.D., Trejos Z.Y., Trevino B.K., Ukegbu O.N., Urban J.B., Vasquez L.I., Vera V.A., Villasana D.M., Wang L., Ward-Moore S., Warren J.T., Wei X., White F., Williamson A.L., Wleczyk R., Wooden H.S., Wooden S.H., Yen J., Yoon L., Yoon V., Zorrilla S.E., Nelson D., Kucherlapati R., Weinstock G., Gibbs R.A. Nature 440:346-351(2006) Research Topic: Signal Transduction

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Note: This product is for in vitro research use only