

Recombinant Human Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial(IDH3B)

Catalog No: #AP70415

Package Size: #AP70415-1 20ug #AP70415-2 100ug #AP70415-3 1mg

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Description

Product Name	Recombinant Human Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial(IDH3B)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:35-385aaSequence Info:Full Length
Other Names	Isocitric dehydrogenase subunit betaNAD(+)-specific ICDH subunit beta
Accession No.	O43837
Calculated MW	65.8 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	ASRSQAEDVRVEGSFPVTMLPGDVGPELMHAVKEVFKAAAVPVEFQEHHLSEVQNMASEEKLEQVLSSMK ENKVAIGKIHTPMEYKGELASYDMRLRRKLDLFANVVHVKSLPGYMRHNNLDLVIREQTEGEYSSLEHESA RGVIECLKIVTRAKSQRIAKFAFDYATKKGRGKVTAVHKANIMKLGDFLQCCEEVAELYPKIKFETMIIDNCC MQLVQNPYQFDVLVMPNLYGNIIDNLAAGLVGGAGVVPGESYSAEYAVFETGARHPFAQAVGRNIANTAML LSASNMLRHLNLEYHSSMIADAVKKVIKVGKVRTRDMGGYSTTTDFIKSVIGHLQTKGS
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

The DNA sequence and comparative analysis of human chromosome 20.Deloukas P., Matthews L.H., Ashurst J.L., Burton J., Gilbert J.G.R., Jones M., Stavrides G., Almeida J.P., Babbage A.K., Bagguley C.L., Bailey J., Barlow K.F., Bates K.N., Beard L.M., Beare D.M., Beasley O.P., Bird C.P., Blakey S.E., Bridgeman A.M., Brown A.J., Buck D., Burrill W.D., Butler A.P., Carder C., Carter N.P., Chapman J.C., Clamp M., Clark G., Clark L.N., Clark S.Y., Clee C.M., Clegg S., Cobley V.E., Collier R.E., Connor R.E., Corby N.R., Coulson A., Coville G.J., Deadman R., Dhami P.D., Dunn M., Ellington A.G., Frankland J.A., Fraser A., French L., Garner P., Grafham D.V., Griffiths C., Griffiths M.N.D., Gwilliam R., Hall R.E., Hammond S., Harley J.L., Heath P.D., Ho S., Holden J.L., Howden P.J., Huckle E., Hunt A.R., Hunt S.E., Jekosch K., Johnson C.M., Johnson D., Kay M.P., Kimberley A.M., King A., Knights A., Laird G.K., Lawlor S., Lehvaeslaiho M.H., Leversha M.A., Lloyd C., Lloyd D.M., Lovell J.D., Marsh V.L., Martin S.L., McConnachie L.J., McLay K., McMurray A.A., Milne S.A., Mistry D., Moore M.J.F., Mullikin J.C., Nickerson T., Oliver K., Parker A., Patel R., Pearce T.A.V., Peck A.I., Phillimore B.J.C.T., Prathalingam S.R., Plumb R.W., Ramsay H., Rice C.M., Ross M.T., Scott C.E., Sehra H.K., Showkeen R., Sims S., Skuce C.D., Smith M.L., Soderlund C., Steward C.A., Sulston J.E., Swann R.M., Sycamore N., Taylor R., Tee L., Thomas D.W., Thorpe A., Tracey A., Tromans A.C., Vaudin M., Wall M., Wallis J.M., Whitehead S.L., Whittaker P., Willey D.L., Williams L., Williams S.A., Wilming L., Wray P.W., Hubbard T., Durbin R.M., Bentley D.R., Beck S., Rogers J.Nature 414:865-871(2001)Research Topic:Metabolism

Note: This product is for in vitro research use only and is not intended for use in humans or animals.