

Recombinant Human Keratin, type I cytoskeletal 10(KRT10)

Catalog No: #AP70481

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Package Size: #AP70481-1 20ug #AP70481-2 100ug #AP70481-3 1mg

Description

Product Name	Recombinant Human Keratin, type I cytoskeletal 10(KRT10)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-584aaSequence Info:Full Length
Other Names	Cytokeratin-10 ;CK-10Keratin-10 ;K10
Accession No.	P13645
Uniprot	P13645
GeneID	3858;
Calculated MW	62.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MSVRYSSSKHYSSSRSGGGGGGGCGGGGGVSSLRISSSKGSLLGGFSSGGFSSGGFSFRGSSGGGCFGG SSGGYGGGLGGFGGGSFRGSYSSSFGGSYGGIFGGGSFGGGSFGGGSFGGGGFGGGGFGGGFGGGFGG DGGLLSGNEKVTMQLNDRLASYLDKVRALEESNYELEGKIKEWYKHEGNSHQGEPRDYSKYKTTIDDLKNQ ILNLTTDNANILLQIDNARLAADDLFRKYENEVALRQSV EADINGLRRLVDELTLTKADLEMQIESLTEELAYLKK NHEEEMKDLRNVSTGDVNVEMNAAPGVDLTQLLNNMRSQYEQLAEQNRKDAEAWFNEKSKELTTEIDNNIEQ ISSYKSEITELRRNVQALEIELQSQLALKQSLEASLAETEGRYCVQLSQIQAQISALEEQQQIRAETECQNT EY QQLLDIKIRLENEIQTYRSLLEGGSSGGGGRGGGSFGGGYGGGSSGGGSSGGGHGGGHGGSSGGGYGG GSSGGGSSGGGYGGGSSGGGHGGSSGGYGGGSSGGGGGGYGGGSSGGGSSGGGYGGGSSGGH SSSSGSGVGESSSKGPRY
Formulation	Lyophilized from 10 mM Tris-HCl, 1 mM EDTA, 6% Trehalose, pH 8.0
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.

Background

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References

Expanding the keratin mutation database novel and recurrent mutations and genotype-phenotype correlations in 28 patients with epidermolytic ichthyosis.Arin M.J., Oji V., Emmert S., Hausser I., Traupe H., Krieg T., Grimberg G.Br. J. Dermatol. 164:442-447(2011)

Research Topic:Signal Transduction

Note: This product is for in vitro research use only