

Recombinant Human Peptidyl-prolyl cis-trans isomerase FKBP3(FKBP3)

Catalog No: #AP70309

Package Size: #AP70309-1 20ug #AP70309-2 100ug #AP70309-3 1mg

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Description

Product Name	Recombinant Human Peptidyl-prolyl cis-trans isomerase FKBP3(FKBP3)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-224aaSequence Info:Full Length
Other Names	25KDA FK506-binding protein ;25KDA FKBP ;FKBP-25FK506-binding protein 3 ;FKBP-3Immunophilin FKBP25Rapamycin-selective 25KDA immunophilinRotamase
Accession No.	Q00688
Calculated MW	41 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AAAVPQRAWTVQEQLRSEQLPKKDIIKFLQEHGSDSFLAEHKLLGNIKNVAKTANKDHLVTAYNHLFETKRFGKT ESISKVSEQVKNVKLNEDKPKETKSEETLDEGPPKYTKSVLKKGDKTNFPKKGDVVHCWYTGTQLQDGTVFDT NIQTSAKKKKNNAKPLSFKVGVGKVGWDEALLTMSKGEKARLEIEPEWAYGKKGQPDAKIPPNAKLTFEVELV DID
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.

Background

FK506- and rapamycin-binding proteins (FKBPs) constitute a family of receptors for the two immunosuppressants which inhibit T-cell proliferation by arresting two distinct Cytoplasmic domain signal transmission pathways. PPlases accelerate the folding of proteins.

References

Isolation of a human cDNA encoding a 25KDA FK-506 and rapamycin binding protein.Wiederrecht G., Martin M., Sigal N., Siekierka J.J.Biochem. Biophys. Res. Commun. 185:298-303(1992)Research Topic:Epigenetics and Nuclear Signaling

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