

Recombinant Escherichia coli O6:H1 FKBP-type peptidyl-prolyl cis-trans isomerase FkpA(fkpA)

Catalog No: #AP71102

Package Size: #AP71102-1 20ug #AP71102-2 100ug #AP71102-3 1mg

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Description

Product Name	Recombinant Escherichia coli O6:H1 FKBP-type peptidyl-prolyl cis-trans isomerase FkpA(fkpA)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:26-270aaSequence Info:Full Length
Other Names	Rotamase
Accession No.	P65764
Calculated MW	42.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AEAAKPATTADSKAAAFKNDQKSAYALGASLGRYMENSLKEQEKLGIKLDKDKQLIAGVQDAFADKSKLSDQEI EQTLQAFEARVKSSAQAKMEKDAADNEAKGKEYREKFAKEKGVKTSSTGLVYQVVEAGKGEAPKDSDTVVV NYKGTLDIGKEFDNSYTRGEPLSFRLDGVIPGWTEGLKNIKGGKIKLVIPPELAYGKAGVPGIPPNSTLVFDVE LLDVKPAPKADAKPEADAKAADSAKK
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

PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

References

Extensive mosaic structure revealed by the complete genome sequence of uropathogenic Escherichia coli.Welch R.A., Burland V., Plunkett G. III, Redford P., Roesch P., Rasko D., Buckles E.L., Liou S.-R., Boutin A., Hackett J., Stroud D., Mayhew G.F., Rose D.J., Zhou S., Schwartz D.C., Perna N.T., Mobley H.L.T., Donnenberg M.S., Blattner F.R.Proc. Natl. Acad. Sci. U.S.A. 99:17020-17024(2002)Research Topic:Others

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