

Recombinant *Bacillus Licheniformis* APR Protein (106-379 aa), His-SUMO-tagged

SPECIFICATION

Cat.No.	APR-2205B
Species	<i>Bacillus Licheniformis</i>
Product Name	Recombinant <i>Bacillus Licheniformis</i> APR Protein (106-379 aa), His-SUMO-tagged
Product Overview	Recombinant <i>Bacillus Licheniformis</i> APR Protein (106-379 aa) is produced by <i>E. coli</i> expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Description	Subtilisin is an extracellular alkaline serine protease, it catalyzes the hydrolysis of proteins and peptide amides.
Source	<i>E. coli</i>
Tag	His/SUMO
Form	Tris-based buffer, 50% glycerol
Molecular Mass	45.8 kDa
Protein length	106-379 aa
AA Sequence	AQTVPYGIPLIKADKVQAQGFKGANVKVAVLDTGIQASHPDNLNVGGASFVAGEAYN TDGNHGHGTHVAGTVAALDNTTGVLGVAPSVSLYAVKVLNSSGSGTYSIVSGIEWAT TNGMDVINMSLGGPSGSTAMKQAVDNAYARGVVVAAAGNSGSSGNTNTIGYPAKY DSVIAVGAVDSNSNRASFSSVGAELEVMAPGAGVYSTYPTSTYATLNGTSMASPHVA GAAALILSKHPNLSASQVRNRLSSTATYLGSSFYYGKGLINVEAAQ
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

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Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.
Synonyms	apr;
UniProt ID	P00780
Figure 1	APR-2205B, 1.jpg
Figure Note 1	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.