

Recombinant *Pseudomonas aeruginosa* Lysyl endopeptidase

Catalog No: #AP71569

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #AP71569-1 20ug #AP71569-2 100ug #AP71569-3 1mg

Description

Product Name	Recombinant <i>Pseudomonas aeruginosa</i> Lysyl endopeptidase
Brief Description	Recombinant Protein
Host Species	<i>E. coli</i>
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:212-462aaSequence Info:Full Length
Other Names	Protease IVPvdS-regulated endoprotease
Accession No.	Q9HWK6
Uniprot	Q9HWK6
GeneID	880208;
Calculated MW	42.4 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AGYRDGFGAGSGSCEVDAVCATQSGTRAYDNATAAVAKMVFTSSADGGSYICTGTLNNGNSPKRQLFWSAA HCIEDQATAATLQTIWFYNTTQCYGDASTINQSVTLTGGANILHRDAKRDTLLELKRTPPAGVFYQGWSATP IANGSLGHDIHHPRGDAKKYSQGNVSAVGVTYDGHTALTRVDWPSAVVEGGSSGSGLLTVAGDGSYQLRGG LYGGPSYCGAPTSQRNDYFSDFGVYSQISRYFAP
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

Lysine-specific endoprotease . Involved in corneal virulence.

References

Identification of the active site residues of *Pseudomonas aeruginosa* protease IV. Importance of enzyme activity in autoprocessing and activation.Traidej M., Marquart M.E., Caballero A.R., Thibodeaux B.A., O'Callaghan R.J.J. Biol. Chem. 278:2549-2553(2003)Research Topic:Others

Note: This product is for in vitro research use only