

Recombinant human Proteasome activator complex subunit 2



Catalog No: #AP71700

Orders: order@signalwayantibody.com

Package Size: #AP71700-1 20ug #AP71700-2 100ug #AP71700-3 1mg

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Proteasome activator complex subunit 2
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-239aaSequence Info:Full Length
Other Names	11S regulator complex subunit beta ;REG-betaActivator of multicatalytic protease subunit 2;Proteasome activator 28 subunit beta ;PA28b ;PA28beta
Accession No.	Q9UL46
Uniprot	Q9UL46
GeneID	5721;
Calculated MW	54.3 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	AKPCGVRLSGEARKQVEVFRQNLRFQEAEEFLYRFLPQKIIYLNQLLQEDSLNVADLTSLRAPLDIIPDPPPDKDD EMETDKQEKKEVHKCGFLPGNEKVLSSLALVKPEVWTLKEKCILVITWIQHLPKIEDGNDFGVAIQEKVLERNV AVKTKVEAFQTTISKYFSEKGDVAKASKETHVMDYRALVHERDEAAYGELRAMVLDLRAFYAELYHISSNLE KIVNPKGEEKPSMY
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

Implicated in immunoproteasome assembly and required for efficient antigen processing. The PA28 activator complex enhances the generation of class I binding peptides by altering the cleavage pattern of the proteasome.

References

Organization of the genes encoding the human proteasome activators PA28alpha and beta.McCusker D., Wilson M., Trowsdale J.Immunogenetics 49:438-445(1999)Research Topic:Cell Biology

Note: This product is for in vitro research use only