

Recombinant Human Indoleamine 2,3-dioxygenase 1

Catalog No: #AP72602



Package Size: #AP72602-1 20ug #AP72602-2 100ug #AP72602-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Indoleamine 2,3-dioxygenase 1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-403aaSequence Info:Full Length
Other Names	Indoleamine-pyrrole 2,3-dioxygenase
Accession No.	P14902
Uniprot	P14902
GeneID	3620;
Calculated MW	47.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MAHAMENSWTISKEYHIDEEVGFALPNPQENLPDFYNDWWMFIAKHLPLDIESGQLRERVEKLNMLSIDHLTDHK SQRLARLVLCITMAYVWVGKGGDVRKVLPRNIAVPYCQLSKKLELPPILVYADCVLANWKKKDPNKPLTYEN MDVLFSEFRDGDCKSGFFLVLLVEIAAASAIAKVIPTVFKAMQMQRDRTLKALLEIASCLEKALQVFHQIHDHVN PKAFFSVLRIYLSGWKGNPQLSDGLVYEGFWEDPKKEFAGGSAGQSSVFQCFDVLGIIQQTAGGGHAAQFLQ DMRRYMPPAHRNFLCSLESNPSVREFVLSKGDAGLREAYDACVKALVSLRSYHLQIVTKYILIPASQQPKENKT SEDPKLEAKGTGGTDLNMLKTVRSTTEKSLLEK
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

Catalyzes the cleavage of the pyrrol ring of tryptophan and incorporates both atoms of a molecule of oxygen.

References

Molecular cloning, sequencing and expression of human interferon-gamma-inducible indoleamine 2,3-dioxygenase cDNA.Dai W., Gupta S.L.Biochem. Biophys. Res. Commun. 168:1-8(1990)Research Topic:Cardiovascular

Note: This product is for in vitro research use only