

Recombinant Human Indoleamine 2,3-dioxygenase 2

Catalog No: #AP72603



Package Size: #AP72603-1 20ug #AP72603-2 100ug #AP72603-3 1mg

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Description

Product Name	Recombinant Human Indoleamine 2,3-dioxygenase 2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:14-420aaSequence Info:Partial
Other Names	Indoleamine 2,3-dioxygenase-like protein 1Indoleamine-pyrrole 2,3-dioxygenase-like protein 1
Accession No.	Q6ZQW0
Uniprot	Q6ZQW0
GeneID	169355;
Calculated MW	47.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MEPHRPNVKTAVPLSLESYHISEEYGFLLPDSLKELPDHYRPWMEIANKLPQLIDAHQLQAHVDKMPDLLSCQFL KGHREQRLAHLVLSFLTMGYVWQEGEAQPAEVLPRNLALPFVEVSRNLGLPPIVHSDLVLTNWTKKDPDGFL EIGNLETIISFPGGESLHGFILVTALVEKEAVPGIKALVQATNAILQPNQEALLQALQRLRLSIQDITKTLGQMHDY VDPDIFYAGIRIFLSGWKDNPAMPAGLMYEGVSQEPLKYSGGSAQSTVLHAFDEFLGIRHSKESGDFLYRMR DYMPPSHKAFIEDIHSAPSLRDYILSSGQDHLLTAYNQCVQALAEELRSYHITMVTKYLITAAAKAKHGKPNHLP PPQALKDRGTGGTAVMSFLKSVRDKTLESILHPRG
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 first and rate-limiting step in the kynurenine pathway of tryptophan catabolism.

References

Characterization of an indoleamine 2,3-dioxygenase-like protein found in humans and mice.Ball H.J., Sanchez-Perez A., Weiser S., Austin C.J.D., Astelbauer F., Miu J., McQuillan J.A., Stocker R., Jermiin L.S., Hunt N.H.Gene 396:203-213(2007)Research Topic:Metabolism

Note: This product is for in vitro research use only