

Recombinant Mus musculus D-dopachrome decarboxylase

Catalog No: #AP72526

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Package Size: #AP72526-1 20ug #AP72526-2 100ug #AP72526-3 1mg

Description

Product Name	Recombinant Mus musculus D-dopachrome decarboxylase
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-118aaSequence Info:Full Length
Other Names	D-dopachrome tautomerase
Accession No.	O35215
Uniprot	O35215
GeneID	13202;
Calculated MW	14.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	PFVELETNLPASRIPAGLENRLCAATATILDKPEDRVSVTIRPGMTLLMNKSTEPCAHLLVSSIGVVGTAEQNRT HSASFFKFLTEELSLDQDRIVIRFFPLEAWQIGKKGTVMFTL
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

Tautomerization of D-dopachrome with decarboxylation to give 5,6-dihydroxyindole (DHI).

References

Cloning of the mouse gene for D-dopachrome tautomerase.Kuriyama T., Fujinaga M., Koda T., Nishihira J.Biochim. Biophys. Acta 1388:506-512(1998)Research Topic:Others

Note: This product is for in vitro research use only