

Recombinant Mus musculus Plasminogen activator inhibitor 1

Catalog No: #AP72777

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Package Size: #AP72777-1 20ug #AP72777-2 100ug #AP72777-3 1mg

Description

Product Name	Recombinant Mus musculus Plasminogen activator inhibitor 1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:23-402aaSequence Info:Full Length
Other Names	Endothelial plasminogen activator inhibitorSerpin E1
Accession No.	P22777
Uniprot	P22777
Calculated MW	44.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	TLPLRESHTAHQATDFGVKVFQQVVQASKDRNVVFSYGVSSVLAMLQMTTAGKTRRQIQDAMGFKVNEKG TAHALRQLSKELMGPWNKNEISTADAIFVQRDLELVQGFMPHFFKLFQTMVKQVDFSEVERARFIINDWVERH TKGMINDLLAKGAVDELTRLVLVNALYFSGQWKTQPFLEASTHQRLFHKSDGSTVSVPMMAQSNKFNYTEFTTP DGLYDVVELPYQRDTLSMFIAAPFEKDVHLSALTNILDAELIRQWKGNMTRLPRLLILPKFSLETEVDLRGPLE KLGMPDMFSATLADFTSLSDQEQLSVAQALQKVRIEVNESGTVASSSTAFVISARMAPTEMVIDRSFLFVVRH NPTETILFMGQVMEP
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

Serine protease inhibitor. This inhibitor acts as 'bait' for tissue plasminogen activator, urokinase, protein C and matriptase-3,TMPRSS7. Its rapid interaction with PLAT may function as a major control point in the regulation of fibrinolysis .

References

The c-myc-regulated gene mr1 encodes plasminogen activator inhibitor 1.Prendergast G.C., Diamond L.E., Dahl D., Cole M.D.Mol. Cell. Biol. 10:1265-1269(1990)Research Topic:Others

Note: This product is for in vitro research use only