

Recombinant Human USP5

Catalog No: #GP12207



Package Size: #GP12207-1 100ug

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Description

Product Name	Recombinant Human USP5
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 200 amino acids of human USP5
Target Name	ubiquitin specific peptidase 5 (isopeptidase T)
Other Names	ISOT
Accession No.	Swissprot:P45974Gene Accession:BC004889
Uniprot	P45974
GeneID	8078;
Storage	-20~-80°C, pH 7.6 PBS

Background

Ubiquitin (see MIM 191339)-dependent proteolysis is a complex pathway of protein metabolism implicated in such diverse cellular functions as maintenance of chromatin structure, receptor function, and degradation of abnormal proteins. A late step of the process involves disassembly of the polyubiquitin chains on degraded proteins into ubiquitin monomers. USP5 disassembles branched polyubiquitin chains by a sequential exo mechanism, starting at the proximal end of the chain (Wilkinson et al., 1995 [PubMed 7578059]).

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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