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USP5 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)





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Overview	
Quantity:	20 μg
Target:	USP5
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP5 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human USP5 / ISOT (transcript variant 2) protein expressed in HEK293 cells Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	USP5
Alternative Name:	Usp5,isot (USP5 Products)
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

Target Details

	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]).[supplied by
	OMIM, Mar 2010]
Molecular Weight:	93.1 kDa
NCBI Accession:	NP_003472

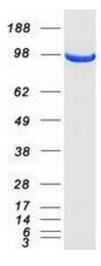
Application Details

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot