

Product datasheet for TP510971

Usp5 (NM_013700) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ubiquitin specific peptidase 5 (isopeptidase T) (Usp5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR210971 representing NM_013700
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAELSEEALLSVLPTIRVPKAGDRVHKDECAFSFDTPSEGGLYICMNTFLGFGKQYVERHFNKTGQRVY
LHLRRTRRPKEEDTSAGTGDPPRKKPTRLAIGVEGGFDLTEDKFEFDEDVKIVILPDYLEIARDGLGGLP
DIVRDRVTSAVEALLSADSASRKQEVQAWDGEVRQVSKHAFNLKQLDNPARIPPCGWKCSKCDMRENLWL
NLTDGSILCGRRYFDGSGGNHVAHEHYRETGYPLAVKLGITITPDGADVSYDEDDMVLDPSLAEHLSHFG
IDMLKMQKTDKTMTELEIDMNQRIGEWELIQESGVPLKPLFGPGYTGIRNLGNSCYLNSVWQVLFSDPF
QRKYVDKLEKIFQNAPTDPTQDFSTQVAKLGHGLLSGEYSKPALES GDGEQVPEQKEVQDGIAPRMFKAL
IGKGHPEFSTNRQQDAQEFFLHLINMVERNCRSENPNVEFRFLVEEKIKCLATEKVYQTRVDYIMQLP
VPMDAALNKEELLEYEEKRQAEEEKVPLPELVRAQVPFSSCLEAYGAPEQVDDFWSTALQAKSVAVKTT
RFASFPDYLVIIKFTFGLDWVPKLDVSIEMPEELDISQLRGTGLQPGEEELPDIAPPLVTPDEPKGS
LGFYGNEDSFCSPHFSSPTSPMLDESVIIQLVEMGFPMDACRKAVYYTGNSGAEAMNWVMSHMDDPD
FANPLILPGSSPGSTSAAADPPPEDCVTTIVSMGFSRDQALKALRATNNSLERAVDWIFSHIDDLDAEA
AMDISEGRSAAESISESVPVGPVKVRDGPVKYQLFAFISHMGTSTMCGHYVCHIKKEGRWVIYNDQKVCAS
EKPPKDLGYIFYQRVVS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	96.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_038728
Locus ID:	22225
UniProt ID:	P56399
RefSeq Size:	3176
Cytogenetics:	6 59.17 cM
RefSeq ORF:	2574
Synonyms:	AA407472; ISOT; ISOT-1; Ucht
Summary:	Cleaves linear and branched multiubiquitin polymers with a marked preference for branched polymers. Involved in unanchored 'Lys-48'-linked polyubiquitin disassembly. Binds linear and 'Lys-63'-linked polyubiquitin with a lower affinity (By similarity).[UniProtKB/Swiss-Prot Function]