

Recombinant Human USP27X Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. USP27X-5646H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	USP27X MS Standard C13 and N15-labeled recombinant protein (NP_001138545) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the peptidase protein family. The encoded protein functions as a deubiquitinase that is involved in upregulation of the pro-apoptotic Bim protein. This protein may act as a tumor suppressor by increasing levels of Bim to counteract anti-apoptotic signals in cancer cells. Mutations in this gene have been associated with X-linked cognitive disability.
Molecular Mass	49.5 kDa
AA Sequence	MCKDYVYDKDIEQIAKEEQGEALKLQASTSTEVSHQQCSVPGLGEKFPTWETTKPE LELLGHNPRRRRITSSFTIGLRGLINLGNTCFMNCIVQALHTPILRDFFLSDRHRCEM PSPCLCLVCEMSSFLFRELYSGNPSPHVPYKLLHLVWIHARHLAGYRQQDAHEFLIAA LDVLHRHCKGDDVGKAANNPNHCNCIIDQIFTGGLQSDVTCQACHGVSTTIDPCWDI SLDLPGSCTSFWPMSPGRESSVNGESHIPGITTLDCLRRFTRPEHLGSSAKIKCGS CQSYQESTKQLTMNKLPPVACFHFKRFEHSAKQRRKITTYISFPLELDMTPFMASCK ESRMNGQLQLPTNSGNNENKYSLFAVVNHQGTLES GHYTSFIRHHKDQWFKCDDA VITKASIKDVL DSEGYLLFYHKQVLEHESEKVKEMNTQAYTRTRPLEQKLISEEDLAA

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	NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	USP27X ubiquitin specific peptidase 27 X-linked [Homo sapiens (human)]
Official Symbol	USP27X
Synonyms	USP27X; ubiquitin specific peptidase 27 X-linked; USP27; MRX105; USP22L; ubiquitin carboxyl-terminal hydrolase 27; X-linked ubiquitin carboxyl-terminal hydrolase 27; deubiquitinating enzyme 27; ubiquitin specific protease 27, X chromosome; ubiquitin thioesterase 27; ubiquitin-specific-processing protease 27; EC 3.4.19.12
Gene ID	389856
mRNA Refseq	NM_001145073
Protein Refseq	NP_001138545

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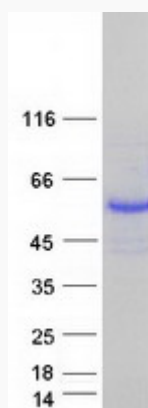
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MIM 300975

UniProt ID A6NNY8

SDS-PAGE



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