Recombinant Human UBE2W Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UBE2W-3408H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBE2W MS Standard C13 and N15-labeled recombinant protein (NP_060769) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a nuclear-localized ubiquitin-conjugating enzyme (E2) that, along with ubiquitin-activating (E1) and ligating (E3) enzymes, coordinates the addition of a ubiquitin moiety to existing proteins. The encoded protein promotes the ubiquitination of Fanconi anemia complementation group proteins and may be important in the repair of DNA damage. There is a pseudogene for this gene on chromosome 1. Alternative splicing results in multiple transcript variants.
Molecular Mass	17.3 kDa
AA Sequence	MASMQKRLQKELLALQNDPPPGMTLNEKSVQNSITQWIVDMEGAPGTLYEGEKFQL LFKFSSRYPFDSPQVMFTGENIPVHPHVYSNGHICLSILTEDWSPALSVQSVCLSIIS MLSSCKEKRRPPDNSFYVRTCNKNPKKTKWWYHDDTCTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
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

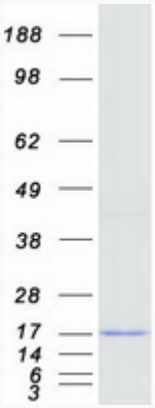
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	UBE2W ubiquitin conjugating enzyme E2 W [Homo sapiens (human)]
Official Symbol	UBE2W
Synonyms	UBE2W; ubiquitin-conjugating enzyme E2W (putative); ubiquitin-conjugating enzyme E2 W; FLJ11011; ubiquitin-protein ligase W; ubiquitin carrier protein W; ubiquitin-conjugating enzyme 16; probable ubiquitin-conjugating enzyme E2 W; UBC16; UBC-16; hUBC-16;
Gene ID	55284
mRNA Refseq	NM_018299
Protein Refseq	NP_060769
MIM	614277
UniProt ID	Q96B02

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SDS-PAGE	

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