

Recombinant Human UBA52 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UBA52-1300H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBA52 MS Standard C13 and N15-labeled recombinant protein (NP_003324) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Ubiquitin is a highly conserved nuclear and cytoplasmic protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. This gene encodes a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein L40 at the C terminus, a C-terminal extension protein (CEP). Multiple processed pseudogenes derived from this gene are present in the genome.
Molecular Mass	14.5 kDa
AA Sequence	MQIFVKLTGKTITLEVEPSDTIENVKAKIQDKEGIPPDQQRLIFAGKQLEDGRTLSDY NIQKESTLHLVLRRLRGGLIEPSLRQLAQKYNCDKMICRKCYPARLHPRAVNCRRKKCG HTNNLRPKKKVKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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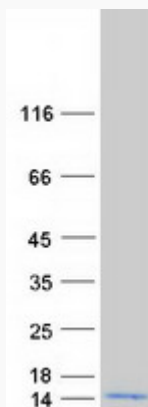
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	UBA52 ubiquitin A-52 residue ribosomal protein fusion product 1 [Homo sapiens (human)]
Official Symbol	UBA52
Synonyms	UBA52; ubiquitin A-52 residue ribosomal protein fusion product 1; ubiquitin-60S ribosomal protein L40; 60S ribosomal protein L40; CEP52; HUBCEP52; L40; MGC57125; MGC126879; MGC126881; ribosomal protein L40; RPL40; ubiquitin carboxyl extension protein 52; ubiquitin 52 amino acid fusion protein; ubiquitin CEP52; ubiquitin-CEP52; ubiquitin-52 amino acid fusion protein;
Gene ID	7311
mRNA Refseq	NM_003333
Protein Refseq	NP_003324
MIM	191321
UniProt ID	P62987

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SDS-PAGE

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