

Product datasheet for **TP311036M**

UBA52 (NM_003333) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin A-52 residue ribosomal protein fusion product 1 (UBA52), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211036 representing NM_003333 Red=Cloning site Green=Tags(s)

MQIFVKLTGKTITLEVEPSDTIENVKAKIQDKEGIPPDQQRLLIFAGKQLEDGRTLSDYNIQKESTLHLV
LRLRGGIIEPSLRQLAQKYNCDKMICRKCYPARLHPRAVNCRKKKCGHTNLRPKKKVK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	14.5 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
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:	<u>NP_003324</u>
Locus ID:	7311
UniProt ID:	<u>P62987</u> , <u>Q3MIH3</u> , <u>Q7Z4P3</u>
RefSeq Size:	2801



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Cytogenetics: 19p13.11

RefSeq ORF: 384

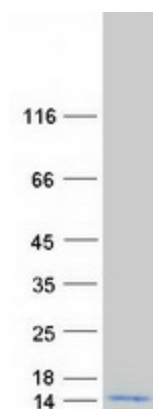
Synonyms: CEP52; HUBCEP52; L40; RPL40

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Ribosome

Product images:



Coomassie blue staining of purified UBA52 protein (Cat# [TP311036]). The protein was produced from HEK293T cells transfected with UBA52 cDNA clone (Cat# [RC211036]) using MegaTran 2.0 (Cat# [TT210002]).