

Product datasheet for PH311036

UBA52 (NM_003333) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UBA52 MS Standard C13 and N15-labeled recombinant protein (NP_003324)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211036
Predicted MW:	14.5 kDa
Protein Sequence:	>RC211036 representing NM_003333 Red =Cloning site Green =Tags(s) MQIFVKLTGKTITLEVEPSDTIENVKAKIQDKEGIPPDQQRLLIFAGKQLEDGRTLSDYNIQKESTLHLV LRLRGGIIEPSLRQLAQKYNCDKMICRKYARLHPRAVNCRKKKCGHTNLRPKKKVK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003324
RefSeq Size:	2801
RefSeq ORF:	384
Synonyms:	CEP52; HUBCEP52; L40; RPL40
Locus ID:	7311
UniProt ID:	P62987 , Q3MIH3 , Q7Z4P3
Cytogenetics:	19p13.11



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Summary:

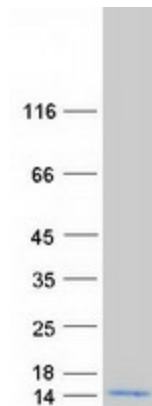
Ubiquitin is a highly conserved nuclear and cytoplasmic protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized 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]).