

Recombinant Human UBA52 protein, His & T7-tagged

Cat. No. UBA52-1246H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBA52 aa. (Met1~Lys128 (Accession # P62987) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Lys128
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.4kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Characteristic	The isoelectric point is 9.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

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; L40; CEP52; RPL40; HUBCEP52; ubiquitin-60S ribosomal protein L40; ubiquitin carboxyl extension protein 52; ubiquitin-52 amino acid fusion protein; ubiquitin-CEP52
Gene ID	7311

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

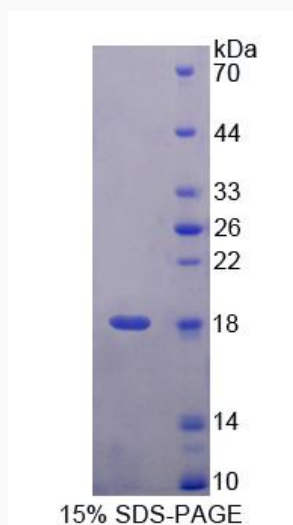
 45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq [NM_001033930.2](#)

Protein Refseq [NP_001029102.1](#)

UniProt ID [P62987](#)

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

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