

Product datasheet for PH302883

Ube1L (UBA7) (NM_003335) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | UBA7 MS Standard C13 and N15-labeled recombinant protein (NP_003326) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC202883 |
| Predicted MW: | 111.7 kDa |
| Protein Sequence: | >RC202883 protein sequence Red=Cloning site Green=Tags(s) |

MDALDASKLLDEELYSRQLYVLGSPAMQRIQGARVLVSLGQGLGAEVAKNLVLMGVGSLTLHDPHTCWS
DLAAQFLLSEQDLERSRAEASQELLAQLNRAVQVVVHTGDI TEDLLLDFQVVVL TAAKLEEQLKVGTLCH
KHGVCFLAADTRGLVGQLFCDFGEDFTVQDPTEAEPLTAAIQHISQSGPGILTLRKGANTHYFRDGLVT
FSGIEGMVELNDCDPRSIVREDGSLEIGDTTTF SRYLRGGAITEVKRPKTVRHKSLDTALLQPHVVAQS
SQEVHHAHCLHQAF CALHKFQHLHGRPPQPWDPVDAETVVGLARDLEPLKRT EEEPLEEPLDEALVRTVA
LSSAGVLSPMVAMLGAVAAQEV LKAI SRKFMP LDQWL YFDALDCLPEDGELL P SPEDCALRGSRYDGQIA
VFGAGFQEKLRQHYLLVGAGAI GCELLKVFALVGLGAGNSGGLTVVDMHIERSNLSRQFLFRSQDVGR
PKAEVAAAAARGLNPD LQVIPLTYPLDPTTEHIYGNFFSRVDGVAALDSFQARRVVAARCTHYLKP LL
EAGTSGTWGSATVFM PHVTEAYRAPASAAASEDAPYPVCTVRYFPSTA EHTLQWARHEFEELFRLSAETI
NHHQQAHTSLADMDEPQTL TLLKPVLGVL RVRPQN WQDCVAWALGHWKLCFHYGIKQLLRHFPPNKVLED
GTPFWSGPKQCPQPLEFD TNQDTHLLYVLAANLYAQMHGLPGSQDWTALRELLKLLPQDPQQMAPIFA
SNLELASASAEFGPEQQKELNKALEVWVSGPPLKPLMFEKDDDSNFHVDFVVAASLRQNYGIPPVNRA
QSKRIVGQIIPAIATTTAAVAGLLGLEL YKVVSGPRPRSAFRHSYLHLAENYLIRYMPFAPAIQTFHHLK
WTSWDR LKVPAGQPERTLESLLAHLQE QHGLRVRILLHGSALLYAAGWSPEKQAQHLPLRVTEL VQQLTG
QAPAPGQRV LVELSCEGDEDTAF PPLHYEL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

| | |
|------------------|--|
| 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. |



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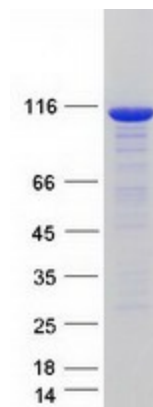
| | |
|---------------|--|
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | NP_003326 |
| RefSeq Size: | 3330 |
| RefSeq ORF: | 3036 |
| Synonyms: | D8; UBA1B; UBE1L; UBE2 |
| Locus ID: | 7318 |
| UniProt ID: | P41226 |
| Cytogenetics: | 3p21.31 |

Summary: The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme is a retinoid target that triggers promyelocytic leukemia (PML)/retinoic acid receptor alpha (RARalpha) degradation and apoptosis in acute promyelocytic leukemia, where it is involved in the conjugation of the ubiquitin-like interferon-stimulated gene 15 protein. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Parkinson's disease, Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified UBA7 protein (Cat# [TP302883]). The protein was produced from HEK293T cells transfected with UBA7 cDNA clone (Cat# [RC202883]) using MegaTran 2.0 (Cat# [TT210002]).