

Product datasheet for PH302327

UBA5 (NM_024818) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UBA5 MS Standard C13 and N15-labeled recombinant protein (NP_079094)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202327
Predicted MW:	44.7 kDa
Protein Sequence:	>RC202327 representing NM_024818 Red=Cloning site Green=Tags(s)

MAESVERLQQRVQELERELAQERSLQVPRSGDGGGRRVRIEKMSSEVVDSNPYSRLMALKRMGIVSDYEK
IRTFVAVAIVGVGGVGSVTAEMLTRCGIGKLLLFDYDKVELANMNRLLFFQPHQAGLSKVQAAEHLRNINP
DVLFEVHNYNITTVENFQHFMDRISNGGLEEGKPVDLVLSVDNFEARMTINTACNELGQTMESGVSEN
AVSGHIQLIIPGESACFACAPPLVVAANIDEKTLKREGVCAASLPTTMGVVAGILVQNVLKFLNFGTVS
FYLGYNAMQDFFPTMSMKPNPQCDDRNCRKQEEYKKKVAALPKQEVIQEEEEIIHEDNEWGIELVSEVS
EEELKNFSGPVPDLPEGITVAYTIPKKQEDSVTELTVEDSGESLEDLMAKMKNM

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_079094
RefSeq Size:	2720
RefSeq ORF:	1212
Synonyms:	DEE44; EIEE44; SCAR24; THIFP1; UBE1DC1
Locus ID:	79876



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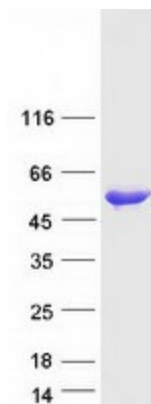
UniProt ID: [Q9GZZ9](#)

Cytogenetics: 3q22.1

Summary: This gene encodes a member of the E1-like ubiquitin-activating enzyme family. This protein activates ubiquitin-fold modifier 1, a ubiquitin-like post-translational modifier protein, via the formation of a high-energy thioester bond. Alternative splicing results in multiple transcript variants. A pseudogene of this gene has been identified on chromosome 1. [provided by RefSeq, Feb 2016]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified UBA5 protein (Cat# [TP302327]). The protein was produced from HEK293T cells transfected with UBA5 cDNA clone (Cat# [RC202327]) using MegaTran 2.0 (Cat# [TT210002]).