

Product datasheet for **TP302327M**

UBA5 (NM_024818) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin-like modifier activating enzyme 5 (UBA5), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202327 representing NM_024818 Red =Cloning site Green =Tags(s)

MAESVERLQQRVQELERELAQERSLQVPRSGDGGGGRVRIEKMSEVWDSNPYSRLMALKRMGIVSDYEK
IRTFVAIVGVGGVGSVTAEMLTRCGIGKLLLFDYDKVELANMNRLFFQPHQAGLSKVQAAEHTLRNINP
DVLFEVHNYNITTVENFQHFMDRISNGGLEEGKPVLDLVLSCVDNFEARMTINTACNELGQTWMESEVSEN
AVSGHIQLIIPGESACFACAPPLVVAANIDEKTLKREGVCAASLPTTMGVVAGILVQNVLKFLNFGTVS
FYLGYNAMQDFFPTMSMKPNPQCDDRNCRKQEEYKKKVAALPKQEVIEEEEEIHHEDNEWGIELVSEVS
EELKKNFSGPVPDLPEGITVAYTIPKKQEDSVTELTVEDSGESLEDLMAKMKNM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	44.7 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_079094</u>



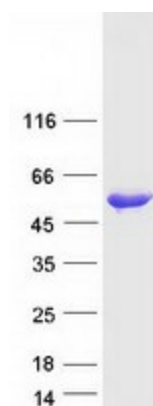
[View online »](#)

Locus ID: 79876
UniProt ID: [Q9GZZ9](#)
RefSeq Size: 2720
Cytogenetics: 3q22.1
RefSeq ORF: 1212
Synonyms: DEE44; EIEE44; SCAR24; THIFP1; UBE1DC1

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]).