

Product datasheet for TP509672

Uba2 (NM_016682) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ubiquitin-like modifier activating enzyme 2 (Uba2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209672 protein sequence Red =Cloning site Green =Tags(s)

MALSRGLPRELAEAVSGGRVLVWGAGGIGCELLKNLVLTFGSHIDLIDLDTIDVSNLNRQFLFQKKHVGR
SKAQVAKESVLQFHPQANIEAHHDSIMNPDYNVEFFRQFILVMNALDNRAARNHVNRMCLAADVPLIESG
TAGYLGQVTTIKKGVTECYECHKPTQRTFPGCTIRNTPSEPIHCIVWAKYLFNQLFGCEEDADQEVSPDR
ADPEAAWEPTAEARARASNEGDGDIKRISTKEWAKSTGYDPVKLFTKLFKDDIRYLLTMDKLWRKRKPPV
PLDWAEVQSQGEANADQNEPQLGLKDQQLVDVKSASLFSKSIETLRVHLAEKGDGAELIWDKDDPPAM
DFV TSAANLRMHIFSMNMKSRFDIKSMAGNIIPAIATTNAVIAGLIVLEGLKILSGKIDQCRTIFLNKQP
NPRKLLVPCALDPPNTNCYVCASKPEVTVRLNVHKVTVLTLQDKIVKEKFAMVAPDVQIEDGKGTLIS
SEEGETEANNPKKLSDFGIRNGSRLQADDFLQDYTLINILHSEDLGKDVFEFVWGSPEKVGPKQAEDA
AKSIANGSDDGAQPSTSTAQEQQDDVLIVDSDEEGPSNSTDCSGDDKARKRKL ENEA AASTKKCRLEQMED
PDDVIALD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	70.6 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_057891
Locus ID:	50995
UniProt ID:	Q9Z1F9
RefSeq Size:	2524
Cytogenetics:	7 B1
RefSeq ORF:	1917
Synonyms:	AA986091; Arx; Sae2; UBA1; Ubl1a2; Uble1b
Summary:	The heterodimer acts as an E1 ligase for SUMO1, SUMO2, SUMO3, and probably SUMO4. It mediates ATP-dependent activation of SUMO proteins followed by formation of a thioester bond between a SUMO protein and a conserved active site cysteine residue on UBA2/SAE2 (By similarity).[UniProtKB/Swiss-Prot Function]