

Datasheet for ABIN6387816
UBA2 Protein (AA 1-640) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	UBA2
Protein Characteristics:	AA 1-640
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBA2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADLMALSRGL PRELAEAVAG GRVLVVGAGG IGCELLKNLV LTGFSHIDLI DLDTIDVSNL NRQFLFQKKH VGRSKAQVAK ESVLQFYFKA NIVAYHDSIM NPDYNVEFFR QFILVMNALD NRAARNHVNR MCLAADVPLI ESGTAGYLGQ VTTIKKGVTE CYECHKPTQ RTFPGCTIRN TPSEPIHCIV WAKYLFNQLF GEEDADQEVS PDRADPEAAW EPTEAEARAR ASNEDGDIKR ISTKEWAKST GYDPVKLFTK LFKDDIRYLL TMDKLWRKRK PPVPLDWAEV QSQGEETNAS DQQNEPQLGL KDQQVLDVKS YARLFSKSIE TLRVHLAEKG DGAELIWDKD DPSAMDFVTS AANLRMHIFS MNMKSFRDIK SMAGNIIPAI ATTNVIAGL IVLEGLKILS GKIDQCRTIF LNKQPNPRKK LLVPCALDPP NPNCYVCASK PEVTVRLNVH KVTVLTLQDK IVKEKFAMVA PDVQIEDGKG TILISSEEGE TEANNHKKLS EFGIRNGSRL QADDFLQDYT LLINILHSED LGKDVEFEVV GDAPEKVGPK QAEDAAKSIT NGSDDGAQPS TSTAQEQDDV LIVDSDEEDS SNNADVSEEE RSRKRKLDEK ENLSAKRSRI EQKEELDDVI ALDHHHHHHH
Purity:	> 85 % by SDS - PAGE

Product Details

Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target: UBA2

Alternative Name: UBA2 ([UBA2 Products](#))

Background: UBA2, also known as SUMO-activating enzyme subunit 2, is a family of small and related proteins that can be enzymatically attached to a target protein by a post-translational modification process termed sumoylation. It is conjugated to a variety of molecules in the presence of the SAE1/UBA2 SUMO-activating(E1) enzyme and the UBE2I/Ubc9 SUMO-conjugating(E2) enzyme. It may represent an important mechanism to protect neurons during episodes of cerebral ischemia. Recombinant human UBA2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 72.3kDa (649aa) 70-100kDa (SDS-PAGE under reducing conditions)

NCBI Accession: [NP_005490](#)

UniProt: [Q9UBT2](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

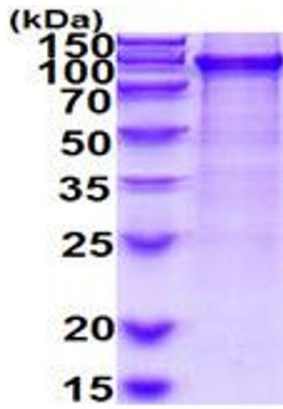
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.