

Datasheet for ABIN6700585 **UBA2 Protein (GST tag)**



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Overview

Quantity:	20 µg
Target:	UBA2
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBA2 protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	UBA2(SAE2) recombinant protein-GST fusion protein
Purification:	Recombinant full-length human UBA2 (SAE2) was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >85% by densitometry.
Purity:	>85%

Target Details

Target:	UBA2
Alternative Name:	UBA2 (UBA2 Products)
Background:	Synonyms: UBA2, UBLE1B, SAE2, ARX, HRIHFB2115, SUMO-activating enzyme subunit 2 Background: UBA2 (SAE2) or ubiquitin-like modifier activating enzyme 2 forms a heterodimer that functions as a SUMO-activating enzyme for the sumoylation of proteins. The

Target Details

posttranslational modification of proteins by the addition of the small protein SUMO, or sumoylation, regulates protein structure and intracellular localization (1). UBA2 functions in SUMO1 activation in a manner analogous to the single E1 ubiquitin-activating enzymes (2). The inactivation of UBA2 may be a therapeutic strategy in MYC-driven cancers. UBA2 Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.

NCBI Accession: [NM_005499](#)

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: UBA2 Protein is suitable for use in Western Blot. Expect a band approximately ~115 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid
Concentration: 0.1 µg/µL
Buffer: UBA2 Protein is stored in 50 mM Tris-HCl, pH 7.5, 50 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.
Storage: -80 °C
Storage Comment: Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Expiry Date: 12 months