

## Datasheet for ABIN6700840 **UBA3 Protein (GST tag)**



[Go to Product page](#)

### Overview

Quantity:	20 µg
Target:	UBA3
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBA3 protein is labelled with GST tag.
Application:	Western Blotting (WB)

### Product Details

Purpose:	UBA3(UBE1C), recombinant protein-GST fusion protein
Purification:	Recombinant full-length human UBA3 (UBE1C) was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >95% by densitometry.
Purity:	>95%

### Target Details

Target:	UBA3
Alternative Name:	UBA3 ( <a href="#">UBA3 Products</a> )
Background:	Synonyms: UBE1C, UBA3, hUBA3, NEDD8-activating enzyme E1 catalytic subunit Background: UBA3 (also known as UBE1C) or ubiquitin-like modifier activating enzyme 3 is a member of the E1 ubiquitin-activating enzyme family. UBA3 associates with AppBp1, an

## Target Details

amyloid beta precursor protein binding protein, to form a heterodimer, and then the enzyme complex activates NEDD8, a ubiquitin-like protein, which regulates cell division, signaling and embryogenesis. The mechanism of NEDD8 activation by APPBP1-UBA3 shows a high degree of conservation with ubiquitin activation by UBA1 (1). The NEDD8-activating enzyme, or NAE, composed of NAE1 and UBA3 subunits, is an essential component for the treatment of cancer disease (2). UBA3 Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.

## Application Details

Application Notes:	Western_Blot_Dilution: User Optimized  Application_Note: UBA3 Protein is suitable for use in Western Blot. Expect a band approximately ~73 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:	UBA3 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