

Product datasheet

Recombinant Human GDX protein ab123144

1 Image

Description

Product name	Recombinant Human GDX protein
Purity	> 95 % SDS-PAGE. ab123144 was purified using conventional chromatography.
Expression system	Escherichia coli
Accession	<u>P11441</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MQLTVKALQGRECSLQVPEDELVSTLKQLVSEKLNVPVR QQRLLFKGKAL ADGKRLSDYSIGPNSKLNLVVKPLEKVLLEEGEAQRLADS PPPQVWQLIS KVLARHFSAADASRVLEQLQRDYERSLSRLTLDDIERLAS RFLHPEVTET MEKGFSKLEHHHHHH
Predicted molecular weight	19 kDa including tags
Amino acids	1 to 157
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab123144** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	Previously labelled as UBL4A.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function

Component of the BAT3 complex, a multiprotein complex involved in the post-translational delivery of tail-anchored (TA) membrane proteins to the endoplasmic reticulum membrane. TA membrane proteins, also named type II transmembrane proteins, contain a single C-terminal transmembrane region. The complex acts by facilitating TA proteins capture by ASNA1/TRC40: it is recruited to ribosomes synthesizing membrane proteins, interacts with the transmembrane region of newly released TA proteins, and transfers them to ASNA1/TRC40 for targeting.

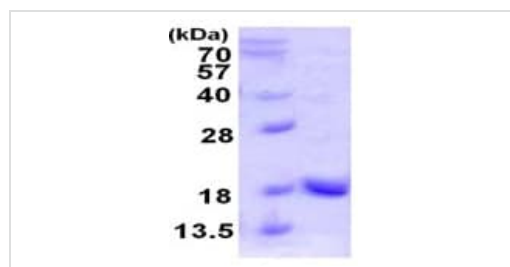
Sequence similarities

Contains 1 ubiquitin-like domain.

Cellular localization

Cytoplasm > cytosol.

Images



12% SDS PAGE, 3 µg of ab123144 loaded.

SDS-PAGE - Recombinant Human GDX protein
(ab123144)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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