

Product datasheet

Recombinant human Ube2G1 protein (Active) ab269101

[2 Images](#)

Description

Product name	Recombinant human Ube2G1 protein (Active)
Biological activity	The specific activity of ab269101 was 11 nmol/min/mg in a ubiquitinating assay using wild-type ubiquitin as substrate.
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P62253</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Molecular weight information	21 kDa by SDS-PAGE
Tags	His tag N-Terminus
Additional sequence information	NM_003342

Specifications

Our **Abpromise guarantee** covers the use of **ab269101** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
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Form	Liquid
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Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.00 Preservative: 1.02% Imidazole Constituents: 0.82% Sodium phosphate, 1.74% Sodium chloride, 0.002% PMSF, 0.004% DTT,
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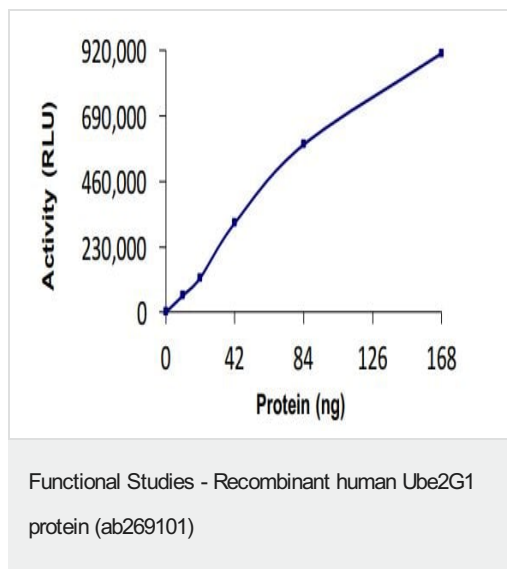
25% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

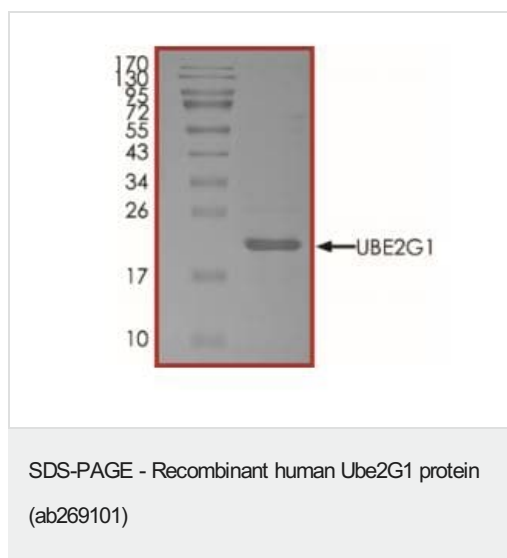
General Info

Function	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-48', as well as 'Lys-63'-linked polyubiquitination. May be involved in degradation of muscle-specific proteins. Mediates polyubiquitination of CYP3A4.
Tissue specificity	Widely expressed, mainly in skeletal muscle.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Belongs to the ubiquitin-conjugating enzyme family.

Images



The specific activity of ab269101 was 11 nmol/min/mg in a ubiquitination assay using wild-type ubiquitin as substrate.



SDS-PAGE analysis of ab269101.

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

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