

Product datasheet

Recombinant Human GCN2 protein ab153650

1 Image

Description	
Product name	Recombinant Human GCN2 protein
Expression system	Wheat germ
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	VVSVGQMSMSRAINLTQKLWTAGITAEIMYDWSQSQEELQ EYCRHHEITY VALVSDKEGSHVKVKSFEKERQTEKRVLETTELVDHVLQK LRTKVTDERNG
Amino acids	1401 to 1500
Tags	GST tag N-Terminus

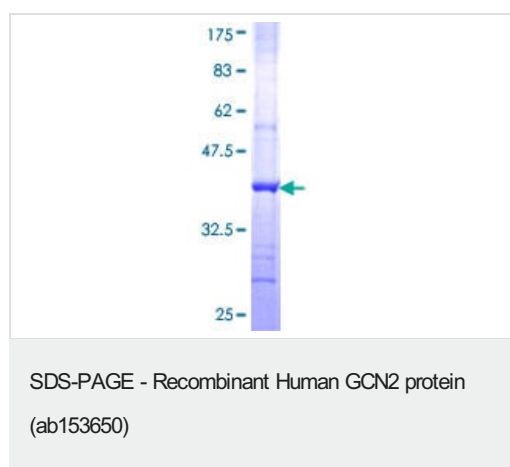
Specifications	
Our Abpromise guarantee covers the use of ab153650 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	ELISA Western blot
Form	Liquid
Additional notes	

Preparation and Storage	
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

General info

Function	Can phosphorylate the alpha subunit of EIF2 and may mediate translational control.
Tissue specificity	Widely expressed.
Sequence similarities	Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. GCN2 subfamily. Contains 2 protein kinase domains. Contains 1 RWD domain.
Domain	Kinase domain 1 is a degenerate kinase domain. RWD domain is reported to interact with GCN1L1.
Post-translational modifications	Autophosphorylated on threonine residues.

Images



ab153650 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors