

Product datasheet

Recombinant Human IMPACT protein ab163086

1 Image

Overview

Product name	Recombinant Human IMPACT protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	<p>MAEGDAGSDQRQNEEIEAMAAYGEEWCVIDDCAKIF CIRISDDIDDPKW TLCLQVMLPNEYPGTAPPYQLNAPWLKGQERADLSN SLEEMQNIGES ILYLWVEKIRDVLIQKSQMTEPGPDVKKKTEEEDVECE DDLILACQPES VKALDFDISETRTEVEVEELPPIDHGIPITDRRSTFQAHL APVVCPKQVK MVLSKLYENKKIASATHNIYAYRYCEDKQTFLLQDCEDD GETAAGGRLH LMEILNVKNVMVVSRYGGILLGPDRFKHINNCARNIL VEKNYNSPEE SSKALGKNKKVRKDKKRNEH</p>
Amino acids	1 to 320
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab163086** 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	Protein concentration is above or equal to 0.05 mg/ml.

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

Translational regulator that ensures constant high levels of translation under amino acid starvation. Acts by interacting with GCN1/GCN1L1, thereby preventing activation of GCN2 protein kinases (EIF2AK1 to 4) and subsequent down-regulation of protein synthesis.

Tissue specificity

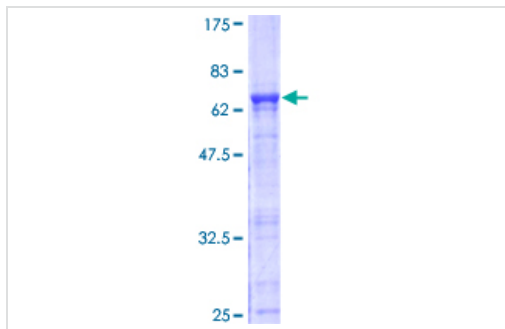
Widely expressed. Expressed at high level in brain.

Sequence similarities

Belongs to the IMPACT family.

Contains 1 RWD domain.

Images



SDS-PAGE - Recombinant Human IMPACT protein
(ab163086)

ab163086 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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