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Datasheet for ABIN7557515
G2E3 Protein (AA 1-716) (His tag)

Overview

Quantity:	1 mg
Target:	G2E3
Protein Characteristics:	AA 1-716
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This G2E3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat G2e3 Protein expressed in mammalien cells.
Sequence:	<p>MNENKPDNSQ SLACVFCRKN DDCPNKYGEK KTYEKWNFSV HYYCLLMSSG IWQRGKEEEG VYGFLIEDIR KEVQRASKLK CTVCKKNGAS IGCVVPTCKR SYHLPCGLQK ECIFQFTDNF ASFCWKHRPV QAITSNKYSS SLPCTICLEF VEPIPTYNIL QSPCKNAWF HRDCLQVQAI NAGVFFFRCT LCNNTDIFQK EMLRMGIHIP EKDASWELEE NAYQELLQSH DRCDIRRHCHC KKGRDYNEPN SKWEVKRCQS CGSSGTHLAC SSLQSWEQNW ECLDCRRITY TSDFQKAPKH PLANSTNVTV TDCILLESSS KLPRQSTVAQ HKELLRQGSK FRRDISTILI ELGFQIKKKT KTLYINKANV WRSALEQFQS QKFNPPSCSID VVYVNGNEVG SQHLGSKQEF LSHLMHHLEN SSVFEGSLAK NLSLNSQAVK ENLYYEVGKM LAISLVHGGP SPGFFSETLF NCLAYGPENT LPTLDDVSDI DVAQIIKID SATDLNILNS VISQHYNLYE VSGCLRLTTS LSDKFMLVKD ILFYHVINRV KAPFESFKQG LKTLGVLEKI QTYPEAFYKI LCHKPENLSA KNLSDLFTIH SVADVQTLRF WNSYLKAIED GKSATTMEDI LIFATGCSSV PPTGFKPSLS VECLHVDFPV ADKYRNHLVL</p>

Product Details

PATNTYEEFQ ENMDFTIRDT LRLEKEERSH ILPRTLNVSS NEEMLI **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

G2E3

Alternative Name:

G2e3 ([G2E3 Products](#))

Background:

G2/M phase-specific E3 ubiquitin-protein ligase (EC 2.3.2.26) (G2/M phase-specific HECT-type E3 ubiquitin transferase),FUNCTION: E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates (By similarity). Required for prevention of apoptotic death in early embryogenesis. {ECO:0000250|UniProtKB:Q7L622, ECO:0000269|PubMed:18511420}.

Molecular Weight:

81.8 kDa

UniProt:

[Q5RJY2](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
