

Datasheet for ABIN7556667
DLG3 Protein (AA 1-849) (His tag)



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Overview

Quantity:	1 mg
Target:	DLG3
Protein Characteristics:	AA 1-849
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLG3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Dlg3 Protein expressed in mammalian cells.
Sequence:	MHKHQHCCKC PECYEVTRLA ALRRLEPPGY GDWQVPDPYG PSGGNGASSG YGGYSSQTLP SQAGATPTPR TKAKLIPTGR DVGPVPPKPV PGKSTPKLNG SGPGWWPECT CTNRDWYEQA SPAPLLVNPE ALEPSLSVNG SDGMFKYEEI VLERNNSGLG FSIAGGIDNP HVPDDPGIFI TKIIPGGAAA MDGRLGVNDC VLRVNEVDVS EVVHSRAVEA LKEAGPVVRL VVRRRQPPPE TIMEVNLLKG PKGLGFSIAG GIGNQHIPGD NSIYITKIE GGAAQKDGRL QIGDRLLAVN NTNLQDVRHE EAVASLKNTS DMVYLKVAKP GSIHLNDMYA PPDYASTFTA LADNHISHNS SLGYLGAVES KVTYPAPPQV PPTRYSPIPR HMLAEEDFTR EPRKIILHKG STGLGFNIVG GEDGEGIFVS FILAGGPADL SGELRRGDRI LSVNGVNLRN ATHEQAAAAL KRAGQSVTIV AQYRPEEYSR FESKIHDLRE QMMNSSMSSG SGSLRTSEKR SLYVRALFDY DRTRDSCPLS QGLSFSYGDI LHVINASDDE WWQARLVTPH GESEQIGVIP SKKRVEKKER ARLKTVKFHA RTGMIESNRD FPGLSDDYYG AKNLKGVTSN TSDSESSSKG QEDAILSYPEP VTRQEIHYAR PVIILGPMKD RVNDDLISEF PHKFGSCVPH TTRPRRDNEV DGQDYHFVVS REQMEKDIQD

Product Details

NKFIEAGQFN DNLYGTSIQS VRAVAERGKH CILDVSGNAI KRLQQAQLYP IAIFIKPKSI
EALMEMNRRQ TYEQANKIFD KAMKLEQEFQ EYFTAIVQGD SLEEIYNKIK QIIEDQSGHY
IWVPSPEKL **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: DLG3

Alternative Name: Dlg3 ([DLG3 Products](#))

Background: Disks large homolog 3 (Synapse-associated protein 102) (SAP-102) (SAP102),FUNCTION: Required for learning most likely through its role in synaptic plasticity following NMDA receptor signaling. {ECO:0000250}.

Molecular Weight: 93.5 kDa

UniProt: [P70175](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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
