

Datasheet for ABIN7584125
DLG4 Protein (AA 1-724) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	DLG4
Protein Characteristics:	AA 1-724
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLG4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDCLCIVTTK KYRYQDEDTP PLEHSPAHLN NQANSPPVIV NTDLEAPGY ELQVNGTEGE MEYEEITLER GNSGLGFSIA GGTDNPHIGD DPSIFITKII PGGAAAQDGR LRVNDSILFV NEVDVREVTH SAAVEALKEA GSIVRLYVMR RKPPAEKVME IKLIKGPKGL GFSIAGGVGN QHIPGDNSIY VTKIIEGGAA HKDGRQLIGD KILAVNSVGL EDVMHEDAVA ALKNTYDVVY LKVAKPSNAY LSDSYAPPDITTSYSQHLDN EISHSSYLGT DYPTAMTPTS PRRYSPVAKD LLGEEDIPRE PRRVIHRGS TGLGFNIVGG EDGEIGFISF ILAGGPADLS GELRKGDQIL SVNGVDLRNA SHEQAAIALK NAGQTVTIIA QYKPEEYSRF EAKIHDLEQ LMNSSLGSGT ASLRSNPKRG FYIRALFDYD KTKDCGFLSQ ALSFRFGDVL HVIDAGDEEW WQARRVHSDS ETDDIGFIPS KRRVERREWS RLKAKDWGSS SGSQGREDVS LSYETVTQME VHYPRIIIL GPTKDRANDD LLSEFPDKFG SCVPHTTRPK REYEIDGRDY HFVSSREKME KDIQAHKFIE AGQYNShLYG TSVQSVREVA EQGKHCILDV SANAVRRLQA AHLHPAIFI RPRSLNVLE INKRITEEQA RKAfDRATKL EQEFTECFSA IVEGDSFEEI YHKVKRVIED LSGPYIWWPA RERL
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Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	DLG4
Alternative Name:	Disks large homolog 4 (Dlg4) (DLG4 Products)
Background:	Recommended name: Disks large homolog 4. Alternative name(s): Postsynaptic density protein 95. Short name= PSD-95 Synapse-associated protein 90. Short name= SAP-90. Short name= SAP90
UniProt:	P31016
Pathways:	Regulation of Muscle Cell Differentiation , Synaptic Membrane , Skeletal Muscle Fiber Development , Asymmetric Protein Localization , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.