

Product Datasheet

Recombinant Human PSD-95 GST (N-Term) Protein H00001742-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00001742-P01-10ug**Recombinant Human PSD-95 GST (N-Term) Protein**

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	111.8 kDa

Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-767 of Human DLG4</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MSQRPRAPRSALWLLAPLLRWAPPLLTVLHSDLFQALLDILDYEEASLSSESQK YRYQDEDTPPLEHSPAHLPNQANSPPVIVNTDTLEAPGYELQVNGTEGEMEYEV EITLERGNSGLGFSIAGGTDNPHIGDDPSIFITKIIPGGAAQDGRRLRVNDSILFV NEVDVREVTHSAAVEALKEAGSIVRLYVMRRKPPAEKVMEIKLIKGPGLGFSIA GGVGNQHIPGDNSIYVTKIIEGGAHKDGRLLQIGDKILAVNSVGLEDVMHEDAV AALKNTYDVVYLKVAKPSNAYLSDSYAPPDITTSYSQHLNEISHSSYLGTDP TAMTPTSPRRYSPVAKDLLGEEDIPREPRRIVHRGSTGLGFNIVGGEDGEGIFI SFILAGGPADLSGELRKGDQILSVNGVDLRNASHEQAAIALKNAGQTVTIIAQYK PEEYSRFEAKIHDRLREQLMNSSLGSGTASLRSNPKRGFYIRALFDYDKTKDCGF LSQALSFRFGDVLHVIDASDEEWWQARRVHSDSETDDIGFIPSKRRVERREWS RLKAKDWGSSSGSQGREDSVLSYETVTQMEVHYARPIIILGPTKDRANDDLLS EFPDKFGSCVPHTTRPKREYEIDGRDYHFVSSREKMEKDIQAHKFIEAGQYNS HLYGTSVQSVREVAEQGKHCILDVSANAVRRRLQAAHLHPAIFIRPRSLNVLEI NKRITTEQARKAFDRATKLEQEFTECFSAIVEGDSFEEIYHKVKRVIEDLSGPYI WVPARERL</p>
Gene ID	1742
Gene Symbol	DLG4
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, In vitro assay, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, In vitro assay, Protein Array, Immunoaffinity Purification



Application Notes

In vitro assay was reported in scientific literature (PMID 23260144). Use in ELISA reported in scientific literature (PMID 23371365).

Images

SDS-Page: Recombinant Human PSD-95 Protein [H00001742-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.

**Publications**

Rakic S, Hung YMA, Smith M et al. Systemic infection modifies the neuroinflammatory response in late stage Alzheimer's disease. *Acta Neuropathol Commun* 2018-09-07 [PMID: 30193587]

Shinohara M, Petersen RC, Dickson DW, Bu G. Brain regional correlation of amyloid-beta with synapses and apolipoprotein E in non-demented individuals: potential mechanisms underlying regional vulnerability to amyloid-beta accumulation. *Acta Neuropathol* 2013-01-31 [PMID: 23371365] (ELISA)

Tsai NP, Wilkerson JR, Guo W et al. Multiple Autism-Linked Genes Mediate Synapse Elimination via Proteasomal Degradation of a Synaptic Scaffold PSD-95 Cell 2012-12-21 [PMID: 23260144] (In vitro)





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Products Related to H00001742-P01-10ug

H00001742-Q01-10ug	Recombinant Human PSD-95 GST (N-Term) Protein
DBD00	BDNF [HRP]
NB300-556	PSD-95 Antibody (6G6-1C9) - BSA Free
NBP1-85047	Tight Junction Protein 1 Antibody

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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