

Recombinant Rat Dlg4 protein, His&Myc-tagged

Cat. No. Dlg4-7533R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Dlg4 protein(P31016)(1-724aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	1-724aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	87.9 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

MDCLCIVTTKKYRYQDEDTPPLEHSPAHLPNQANSPPVIVNTDTLEAPGYELQVNGT
EGEMEYEEITLERGNSGLGFSIAGGTDNPHIGDDPSIFITKIIPGGAAAQDGRRLRVND
SILFVNEVDVREVTHSAAVEALKEAGSIVRLYVMRRKPPAEKVMEIKLIKGPGLGFSI
AGGVGNQHIPGDNSIYVTKIIEGGAAHKDGRLQIGDKILAVNSVGLDVMHEDAVAAL
KNTYDVVYLKVAKPSNAYLSDSYAPPDITTSYSQHLNEISHSSYLGTDYPTAMTPTS
PRRYSPVAKDLLGEEDIPREPRRIVHRGSTGLGFNIVGGEDGEGIFISFILAGGPADL
SGELRKGDQILSVNGVDLRNASHEQAAIALKNAGQVTIIAQYKPEEYSRFEAKIHDL
REQLMNSSLGSGTASLRSNPKRGFYIRALFDYDKTKDCGFLSQALSFRFGDVLHVID
AGDEEWWQARRVHSDSETDDIGFIPSKRRVERREWSRLKAKDWGSSSGSQGRED
SVLSYETVTQMEVHYARPIIILGPTKDRANDLLSEFPDKFGSCVPHTTRPKREYEID
GRDYHFVSSREKMEKDIQAHKFIEAGQYNShLYGTSVQSVREVAEQGKHCILDVSA
NAVRRLQAAHLHPAIAFIRPRSLENVLEINKRITEEQARKAFDRATKLEQEFTECFSAIV
EGDSFEEIYHKVKRVIEDLSGPYIWVPARERL

GENE INFORMATION

Gene Name [Dlg4 discs, large homolog 4 \(Drosophila\) \[Rattus norvegicus \]](#)

Official Symbol [Dlg4](#)

Synonyms DLG4; discs, large homolog 4 (Drosophila); disks large homolog 4; PSD-95; SAP-90; discs large homolog 4; synapse-associated protein 90; postsynaptic density protein 95; synapse-associated protein SAP90; Dlg4; PSD95; Sap90;

Gene ID [29495](#)

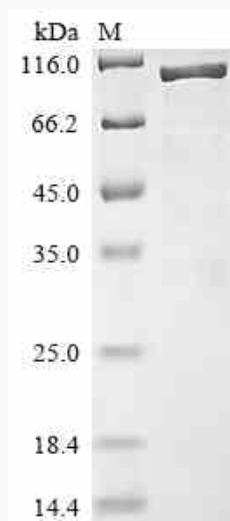
mRNA Refseq [NM_019621](#)

Protein Refseq [NP_062567](#)

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SDS-PAGE

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