

Product Data Sheet

Recombinant Human PSD95 Protein

Catalog #	Source	Reactivity	Applications
CST1884	E. coli	H	
Description	Recombinant Human PSD95 Protein is produced by E. coli expression system and the target gene encoding Ile161-Asp710 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	DLG4		
Alternative Names	PSD95; Disks large homolog 4; Postsynaptic density protein 95; PSD-95; Synapse-associated protein 90; SAP-90; SAP90		
Entrez Gene	1742		
SwissProt	P78352		
Purity			
Chemical Structure	IKLIKGP KGL GFSIAGGVGN QHIPGDNSIY VTKIIEGGAA HKDGRLQIGD KILAVNSVGL EDVMHEDAVA ALKNTYDVVY LKVAKPSNAY LSDSYAPPDI TTSYSQHLDN EISHSSYLGT DYPTAMTPTS PRRYSPVAKD LLGEEDIPRE PRRIVHRGS TGLGFNIVGG EDGEGIFISF ILAGGPADLS GELRKGDQIL SVNGVDLRNA SHEQAAIALK NAGQTVTIIA QY		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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