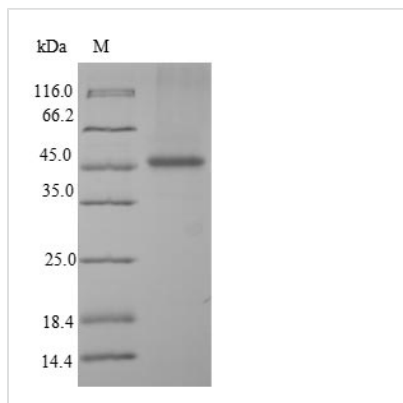




Recombinant Human Paralemmin-1 (PALM)

Product Code	CSB-EP017413HU
Relevance	Involved in plasma membrane dynamics and cell process formation. Isoform 1 and isoform 2 are necessary for axonal and dendritic filopodia induction, for dendritic spine maturation and synapse formation in a palmitoylation-dependent manner.
Abbreviation	Recombinant Human PALM protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O75781
Alias	Paralemmin
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MEVLAAETTSQQERLQAI AEKRKRQAEIENKRRQLEDERRQLQHLKSKALRER WLEGGTPSSASEGDEDLRRQMDDDEQKTRLLEDSVSRLEKEIEVLERGDSAP ATAKENAAAPSPVRAPAPSPAKEERKTEVVMNSQQTPVGTPKDKRVSNTPLR TVDGSPMMKAAMYSVEITVEKDKVTGETRVLSTTLLPRQPLPLGIKVYEDETK VVHAVDGTAEINGIHLSSSEVDELIHKADEVTLSEAGSTAGAAETRGAVEGAA RTTPSRREITGVQAQPGEATSGPPGIQPGQEPVMTMIFMGYQNVEDEAETKK VLGLQDTITAEVVIEDAAEPKEPAPPNGSAAEPPTEAASREENQAGPEATTSD PQDLDMKKHRCKCC
Research Area	Neuroscience
Source	E.coli
Target Names	PALM
Protein Names	Recommended name: Paralemmin-1 Alternative name(s): Paralemmin
Expression Region	1-384aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	45.7kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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