

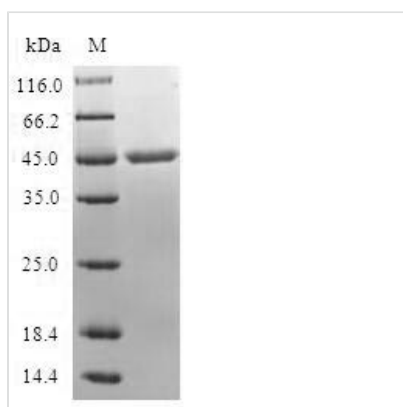


Recombinant Human MARCKS-related protein (MARCKSL1)

Product Code	CSB-EP013494HU
Relevance	Controls cell movement by regulating actin cytoskeleton homeostasis and filopodium and lamellipodium formation. When unphosphorylated, induces cell migration. When phosphorylated by MAPK8, induces actin bundles formation and stabilization, thereby reducing actin plasticity, hence restricting cell movement, including neuronal migration. May also affect cancer cell migration. May be involved in coupling the protein kinase C and calmodulin signal transduction systems
Abbreviation	Recombinant Human MARCKSL1 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.	P49006
Alias	MARCKS-like protein 1 Macrophage myristoylated alanine-rich C kinase substrate
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MGSQSSKAPRGDVTAEAAAGASPAKANGQENGHVKSNGDLSPKGEGESPPV NGTDEAAGATGDAIEPAPTSQGAEAKGEVPPKETPKKKKFSFKKPKLSGLS FKRNRKEGGDSSASSPTEEEQEIQGEIGACSDEGTAQEGKAAATPESQEPQ AKGAEASAASEEEAGPQATEPSTPSGPESGPTPASAEQNE
Research Area	Signal Transduction
Source	E.coli
Target Names	MARCKSL1
Protein Names	Recommended name: MARCKS-related protein Alternative name(s): MARCKS-like protein 1 Macrophage myristoylated alanine-rich C kinase substrate Short name= Mac-MARCKS Short name= MacMARCKS
Expression Region	1-195aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	46.5kDa
Protein Length	Full Length of BC066915



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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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