



Recombinant Human Cdc42 effector protein 4 (CDC42EP4)

Product Code	CSB-MP875666HU
Abbreviation	CDC42EP4
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.	Q9H3Q1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MPILKQLVSS SVHSKRRSRA DLTAEMISAP LGDFRHTMHV GRAGDAFGDT SFLNSKAGEP DGESLDEQPS SSSSKRSLLS RKFRGSKRSQ SVTRGEREQR DMLGSLRDSA LFKVKNAMSLP QLNEKEAAEK GTSKLPKSLS SSPVKKANDG EGGDEEAGTE EAVPRRNGAA GPHSPDLLD EQAFGDLTDL PVVPKATYGL KHAESIMSFH IDLGPSMLGD VLSIMDKKEW DPEEGEGGYH GDEGAAGTIT QAPPYAVAAP PLARQEGKAG PDLPSLPSHA LEDEGWAAAA PSPGSARSMG SHTTRDSSSL SSCTSGILEE RSPAFRGPDR ARAAVSRQPD KEFSFMDEEE EDEIRV
Source	Mammalian cell
Target Names	CDC42EP4
Protein Names	Recommended name: Cdc42 effector protein 4 Alternative name(s): Binder of Rho GTPases 4
Expression Region	1-356
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	The product of this gene is a member of the CDC42-binding protein family. Members of this family interact with Rho family GTPases and regulate the organization of the actin cytoskeleton. This protein has been shown to bind both CDC42 and TC10 GTPases in a GTP-dependent manner. When overexpressed in fibroblasts, this protein was able to induce pseudopodia formation, which suggested a role in inducing actin filament assembly and cell shape control.
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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