

Recombinant Human CDC42EP1 protein, His-tagged

Cat. No. CDC42EP1-3158H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC42EP1 protein, fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	RLPRSEKPHDRDRDGSFPSEPLRRSDSLLSFRLDLGLPSLLSELLGVMSLPEAPA AETPAPAANPPAPTANPTGPAANPPATTANPPAPAANPSAPAATPTGPAANPPAPA ASSTPHGHCPNGVTAGLGPVAEVKSSPVGGGPRGPAGPALGRHWGAGWDGGHH YPEMDARQERVEVLPQARASWESLDEEWRA PQAGSRTPVPSTVQANTFEFADAEE DDEVKV
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	CDC42EP1 CDC42 effector protein (Rho GTPase binding) 1 [Homo sapiens]
Official Symbol	CDC42EP1
Synonyms	CDC42EP1; CDC42 effector protein (Rho GTPase binding) 1; cdc42 effector protein 1; 55 kDa bone marrow stromal/endothelial cell protein; Borg5; CEP1; MSE55; serum constituent protein; serum protein MSE55; binder of Rho GTPases 5; BORG5; MGC15316;
Gene ID	11135
mRNA Refseq	NM_152243
Protein Refseq	NP_689449
MIM	606084
UniProt ID	Q00587

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