

Recombinant Human CDC42 protein, GST-tagged

Cat. No. CDC42-1806H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC42 protein(P60953-2) (Met 1-Cys 188) was expressed in E.coli, fused with the GST tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-188 aa
Form	Lyophilized from sterile 20mM Tris, 0.15M NaCl, 0.5mM GSH, pH 8.0.
Molecular Mass	The recombinant human CDC42/GST chimera consists of 423 amino acids and has a predicted molecular mass of 48.1 kDa. It migrates as an approximately 44 kDa band in SDS-PAGE under reducing conditions.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	CDC42 cell division cycle 42 (GTP binding protein, 25kDa) [Homo sapiens]
Official Symbol	CDC42
Synonyms	CDC42; cell division cycle 42 (GTP binding protein, 25kDa); cell division cycle 42 (GTP binding protein, 25kD); cell division control protein 42 homolog; CDC42Hs; G25K; G25K GTP-binding protein; GTP-binding protein, 25kD; growth-regulating protein; small GTP binding protein CDC42; dJ224A6.1.1 (cell division cycle 42 (GTP-binding protein, 25kD)); dJ224A6.1.2 (cell division cycle 42 (GTP-binding protein, 25kD));
Gene ID	998
mRNA Refseq	NM_001039802
Protein Refseq	NP_001034891
MIM	116952
UniProt ID	P60953

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