

Recombinant Human CD2AP Protein, MYC/DDK-tagged

Cat. No. CD2AP-3053H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD2AP protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a scaffolding molecule that regulates the actin cytoskeleton. The protein directly interacts with filamentous actin and a variety of cell membrane proteins through multiple actin binding sites, SH3 domains, and a proline-rich region containing binding sites for SH3 domains. The cytoplasmic protein localizes to membrane ruffles, lipid rafts, and the leading edges of cells. It is implicated in dynamic actin remodeling and membrane trafficking that occurs during receptor endocytosis and cytokinesis. Haploinsufficiency of this gene is implicated in susceptibility to glomerular disease.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	71.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CD2AP CD2-associated protein [Homo sapiens]
Official Symbol	CD2AP
Synonyms	CMS
Gene ID	23607
mRNA Refseq	NM_012120
Protein Refseq	NP_036252
MIM	604241
UniProt ID	Q9Y5K6

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