

Recombinant Human ARHGEF7 Protein, MYC/DDK-tagged

Cat. No. ARHGEF7-3892H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human Rho guanine nucleotide exchange factor (GEF) 7 (ARHGEF7), transcript variant 2 with C-MYC/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes a protein that belongs to a family of cytoplasmic proteins that activate the Ras-like family of Rho proteins by exchanging bound GDP for GTP. It forms a complex with the small GTP binding protein Rac1 and recruits Rac1 to membrane ruffles and to focal adhesions. Multiple alternatively spliced transcript variants encoding different isoforms have been observed for this gene.
Molecular Mass	87.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at –80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	ARHGEF7
Official Symbol	ARHGEF7 Rho guanine nucleotide exchange factor 7 [Homo sapiens (human)]
Synonyms	ARHGEF7; Rho guanine nucleotide exchange factor 7; P50; P85; PAK3; PIXB; COOL1; P50BP; COOL-1; P85SPR; BETA-PIX; P85COOL1; Nbla10314;
Gene ID	8874
mRNA Refseq	NM_145735
Protein Refseq	NP_663788
MIM	605477
UniProt ID	Q14155

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