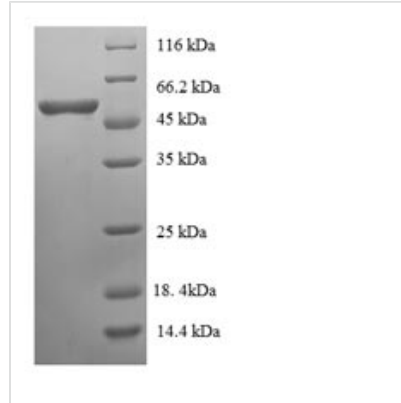




# Recombinant Human Rho guanine nucleotide exchange factor 7 (ARHGEF7), partial

<b>Product Code</b>	CSB-RP014454h(C)
<b>Relevance</b>	Acts as a RAC1 guanine nucleotide exchange factor (GEF) and can induce mbrane ruffling. Functions in cell migration, attachment and cell spreading. Promotes targeting of RAC1 to focal adhesions . May function as a positive regulator of apoptosis. Downstream of NMDA receptors and CaMKK-CaMK1 signaling cascade, promotes the formation of spines and synapses in hippocampal neurons.3 Publications
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q14155
<b>Alias</b>	Beta-PixCOOL-1;PAK-interacting exchange factor betap85
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	MTDNSNQLVVRAKFNFQQTNEDELSFSKGDVIHVTRVEEGGWEGTLNGR TGWFPSNYVREVKASEKPVSPKSGTLKSPPKGFDTTAINKSYYNVVLQNILETE NEYSKELQTVLSTYLRLPLQTSEKLSSANISYLMGNLEEICSFQQMLVQSLEECT KLPEAQQRVGGCFLNLMPQMKTLYLTICANHPSAVNVLTEHSEELGEFMETK GASSPGILVLTGLSKPFMRLDKYPTLLKELERHMEDYH
<b>Research Area</b>	Neuroscience
<b>Source</b>	E.coli
<b>Target Names</b>	ARHGEF7
<b>Expression Region</b>	179-428aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal GST-tagged
<b>Mol. Weight</b>	55.3kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Shelf Life

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