



Recombinant Human Rho guanine nucleotide exchange factor 16 (ARHGEF16)

Product Code	CSB-MP730133HU
Abbreviation	ARHGEF16
Storage	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.
Uniprot No.	Q5VV41
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	AQRHSDSSL EEKLLGHRFH SELRLDAGGN PASGLPMVVG SPRVRDDAAF QPQVPAPPQP RPPGHEEPWP IVLSTESPAA LKLGTTQQLIP KSLAVASKAK TPARHQSF GA AVLSREAARR DPKLLPAPSF SLDDMDVDKD PGGMLRRNLR NQSYRAAMKG LGKPGGQGD A IQLSPKLQAL AEEPSQPHTR SPAKNKKT LG RKRGHKGSFK DDPQLYQEI Q ERGLNTSQES DDDILDESSS PEGTQKVDAT IVVKSYP AQ VTWSQLPEVV ELGILDQLST EERKRQEAMF EILTSEFSYQ HLSLVVEEF LQSKELRATV TQMEHHHLFS NILDVLGASQ RFFEDLEQRH KAQVLVEDIS DILEEHAEKH FHPYIAYCSN EVYQQRTLQK LISSNAAFRE ALREIERRPA CGGLPMLSFL ILPMQRVTRL PLLMDTLCLK TQGHSEYKA ASRALKAISK LVRQCNEGAH RMERMEQMYT LHTQLDFSKV KSLPLISASR WLLKRGELFL VEETGLFRKI ASRPTCYLFL FNDVLVVTCK KSEESYMVQD YAQMNIHQVE KIEPSELPLP GGGNRSSSVP HPFQVTLRLN SEGRQEQLLL SSDSASDRAR WIVALTHSER QWQGLSSKGD LPQVEITKAF FAKQADEVTL QQADVVLV LQ QEDGWLYGER LRDGETGWFP EDFARFITSR VAVEGNVRRM ERLRVETDV
Source	Mammalian cell
Target Names	ARHGEF16
Protein Names	Recommended name: Rho guanine nucleotide exchange factor 16 Alternative name(s): Ephexin-4
Expression Region	2-709
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	Although the specific function of this protein is not known yet, it is thought to be involved in protein-protein and protein-lipid interactions.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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