Datasheet for ABIN7564167

EFR3B Protein (AA 1-817) (His tag)

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Overview

Quantity:	1 mg
Target:	EFR3B
Protein Characteristics:	AA 1-817
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EFR3B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Efr3b Protein expressed in mammalian cells.
Sequence:	MYGVCGCCGA LRPRYKRLVD NIFPEDPEDG LVKTNMEKLT FYALSAPEKL DRIGAYLSER LIRDVGRHRY GYVCIAMEAL DQLLMACHCQ SINLFVESFL KMVAKLLESE KPNLQILGTN SFVKFANIEE DTPSYHRSYD FFVSRFSEMC HSSHDDLEIK TKIRMSGIKG LQGVVRKTVN DELQANIWDP QHMDKIVPSL LFNLQHVEEA ESRSPSPLQA PEKEKENPAE LAERCLRELL GRAAFGNIKN AIKPVLIHLD NHSLWEPKVF ATRCFKIIMY SIQPQHSHLV IQQLLSHLDA NSRSAATVRA GIVEVLSEAA IIAATGSVGP TVLEMFNTLL RQLRLSIDYA LTGSYDGAVS LGSKIIKEHE ECMFQEAVIK TIGSFASTLP TYQRSEVILF IMSKVPLPSV HHPVETGRTG ENRNRLTQIM LLKSLLQVST GFQCNNMMSA LPSNFLDRLL STALMEDAEI RLFVLEILIS FIDRHGNRHK FSTISTLGDI SVLKLKVDKC SRQDTVFMKK HSQQLYRHIY LSCKEETNIQ KHYEALYGLL ALISIELANE EVVVDLIRLV LAVQDVAQVN EENLPTYNRC ALYALGAAYL NLISQLTTVP AFCQHIHEVI ETRKKEAPYM LPEDVFVEKP RLSQNLDGVV IEFLFRQSKI SEVLGGSGYN SDRLCLPYIP QLTDEDRLSK RKSIGETISL QVEVESRNSP EKEERVPAEE

Product Details

	ITYETLKKAI VDSVAVEEQE RERQRQVVEK FQKAPFEEIA AHCGARASLL QSKLNQIFEI TIRPPPSPSG TISAAYGQPQ NHSIPVYEMK FPDLCVY **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	EFR3B
Alternative Name:	Efr3b (EFR3B Products)
Background:	Protein EFR3 homolog B,FUNCTION: Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane. The complex acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis. In the complex, EFR3B probably acts as the membrane-anchoring component. Also involved in responsiveness to G-protein-coupled receptors, it is however unclear whether this role is direct or indirect. {ECO:0000250|UniProtKB:Q9Y2G0}.

Target Details

Molecular Weight:	92.4 kDa
UniProt:	Q6ZQ18

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months