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Datasheet for ABIN7564333
EFR3A Protein (AA 1-819) (His tag)

Overview

Quantity:	1 mg
Target:	EFR3A
Protein Characteristics:	AA 1-819
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EFR3A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Efr3a Protein expressed in mammalien cells.
Sequence:	MPTRVCCCCS ALRPRYKRLV DNIFPEDPKD GLVKADMEKL TFYAVSAPEK LDRIGAYLAE RLSRDVVRHR SGYVLIAMEA LDQLLMACHS QSIKPFVESF LHMVAKLLES GEPKLQVLGT NSFVKFANIE EDTPSYHRRY DFFVSRFSAM CHSCHSDPEI RTEIRIAGIR GIQGVVRKTV NDELRAIWE PQHMDKIVPS LLFNMQKIEE VDSRLGPPSS PSAADKEENP AVLAESCFRE LLGRATFGNM NNAVRPVFAH LDHHKLWDPN EFAVHCFKII MYSIQAQYSH HVIQEILGHL DARRKDSRPV RAGIIQVLE AVAIAAKGSI GPTVLEVFNT LLKHLRLSVE LEANDSQKGS VGSVTVSSKD NDEKIVQNAV IQTIGFFGSN LPDYQRSEIM MFIMGKVPVF GTSTHTLDIS QLGDLGTRRI QIMLLRSLLM VTSGYKAKTI VTALPGSFLD PLLSPSLMED YELRQLVLEV MHNLMDRHDN RAKLRGIRII PDVADLKIKR EKICRQDTSF MKKNGQQLYR HIYLGCKEED NVQKNYELLY TSLALITIEL ANEEVVIDLI RLAIALQDSA IINEDNLSMF HRCGIMALVA AYLNFVSQMI AVPAFCQHVS KVIETRTMEA PYFLPEHIFR DKCMLPKSLE KHDKNLYFLT

Product Details

NKIAESLGGS GYSVERLTVP YVPQVTDEDR LSRRKSIVDT VSIQVDILSN SVPSDDVWSN
TEEITFEALK KAIDTNGMEE QEKEKRRLLVI EKFKAPFEE IAAQCESKAN LLHDRLAQIL
ELTIRPPSP SGTTLVTSGH TQYQSVPVYE MKFPDLCVY **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

EFR3A

Alternative Name:

Efr3a ([EFR3A Products](#))

Background:

Protein EFR3 homolog A (Protein EFR3-like),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, EFR3A 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:Q14156}.

Molecular Weight:

92.6 kDa

Target Details

UniProt: [Q8BG67](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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