

Recombinant Full Length Human EFR3A Protein, GST-tagged

Cat. No. EFR3A-4237HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EFR3A full-length ORF (NP_055952.1, 1 a.a. - 785 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	785 amino acids
Description	The protein encoded by this gene is part of a complex that plays a role in maintaining an active pool of phosphatidylinositol 4-kinase (PI4K) at the plasma membrane. This protein is thought to be a peripheral membrane protein that associates with the plasma membrane through palmitoylation. Studies indicate that this gene product plays a role in controlling G protein-coupled receptor (GPCR) activity by affecting receptor phosphorylation. Whole exome sequencing studies have implicated mutations in this gene with autism spectrum disorders. [provided by RefSeq, Apr 2016]
Molecular Mass	115.2 kDa
AA Sequence	MEKLTFYAVSAPEKLDRIQSYLAERLSRDVVRHRSGYVLIAMEALDQLLMACHSQSI KPFVESFLHMLVAKLLESGEPKLQVLGTNSFVKFANIEEDTPSYHRRYDFFVSRFSAM CHSCHSDPEIRTEIRIAGIRGIQGVVRKTVNDELRAIWE PQHMDKIVPSLLFNMQKIE EVDSRIGPPSSPSATDKEENPAVLAENCFRELLGRATFGNMNNAVRPVFAHLDHHK LWDPNEFAVHCFKIIMYSIQAQYSHHVIQEILGHLDARKK DAPRVRAGIIQVLEAVAIA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AKGSIGPTVLEVFNTLLKHLRLSVEFEANDLQGGSVGSDLNTSSKDNDEKIVQNAII
 QTIGFFGSNLPDYQRSEIMMFIMGKVPVFGTSTHTLDISQLGDLGTRRIQIMLLRSL
 MVTSGYKAKTIVTALPGSFLDPLLSPSLMEDYELRQLVLEVMHNLMDRHDNRAKLR
 GIRIIPDVADLKIKREKICRQDTSFMKKNGQQLYRHIYLGCKEEDNVQKNYELLYTSLA
 LITIELANEEVVIDLIRLAIALQDSAINEDNLPMFHRCGIMALVAAYLNFVSQMIAPAF
 CQHVSKEVIEIRTMEAPYFLPEHIFRDKCMLPKSLEKHEKDLYFLTNKIAESLGGSGYS
 VERLSVPYVPQVTDEDRLSRRKSIVDTVSIQVDILSNNVPSDDVVSNTTEEITFEALKKA
 IDTSGMEEQEKEKRRLVIEKFQKAPFEEIAAQCESKANLLHDRLAQILELTIRPPPPSPS
 GTLTITSGHAQYQSVPVYEMKFPDLCVY

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

EFR3A EFR3 homolog A (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

EFR3A

Synonyms

EFR3A; EFR3 homolog A (*S. cerevisiae*); protein EFR3 homolog A; KIAA0143;
 DKFZp781J0562;

Gene ID

23167

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mRNA Refseq	NM_015137
Protein Refseq	NP_055952
MIM	611798
UniProt ID	Q14156

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