

Recombinant Full Length Human FIG4 Protein, C-Myc/DDK-tagged

Cat. No. FIG4-02HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length protein of human FIG4 homolog (<i>S. cerevisiae</i>) (FIG4) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Molecular Mass	103.5 kDa
AA Sequence	MPTAAAPISSVQKLVLVYETRARYFLVGSNNAETKYRVLKIDRTEPKDLVIIDDRHVYT QQEVRELLGRLDLGNRTKMGQKGSSGLFRAVSAFGVVG FVR FLEGYYIVLITKRRK MADIGGHAIYKVEDTNMIYIPNDSVRVTHPDEARYLRIFQNVDLSSNFYFSYSYDLSH SLQYNLTVLRMPLEMLKSEMTQNRQESFDIFEDEGLITQGGSGVFGICSEPYMKYV WNGELLDIIKSTVHRDWLLYIIHGFCGQSKLLIYGRP VYV TLIARRSSKFAGTRFLKRG ANCEGDVANEVETE QILCDASVMSFTAGSYSSYVQVRGSVPLYWSQDISTMMPKPP ITLDQADPFAHVAALHFDQMFQRF GSP IILNLVKEREKRKHERILSEELVA AVTYLNQ FLPPEHTIVYIPWDMAYTKSKLCNVLDRLNVIAESVVKKTGFFVNRPD SYCSILRPD EKWNELGGCVIPTGRLQTGILRTNCVDCLDRTNTAQFMVGKCALAYQLYSLGLIDKP NLQFD TDAVRLFEELYEDHGD T LSLQYGGSQLVHRVKTYRKIAPWTQH SKDIMQTL SRYYSNAFSDADRQDSINLFLGVFHPTEGKPHLWELPTDFYLHHKNTMRLLPTRRS YTYWWTP EVIKHLPLPYDEVICAVNLKKLIVKKFKHYEEEEIDIHNEFFRPYELSSFDDT FCLAMTSSARDFMPKTVGIDPSPFTVRKPD ETGKSVLG NKS NREEAVLQRKTAASA PPPPSEEAVSSSSEDDSGTDREEEGSVSQRSTPVKMTDAGDSAKVTENNVQPMKE

 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

LYGINLSDGLSEEDFSIYSRFVQLGQSQHKQDKNSQQPCSRCSDBGVIKLTPISAFSQ
DNIYEVQPPRVDRKSTEIFQAHIQASQGIMQPLGKEDSSMYREYIRNRYLTRTRPLE
QKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Applications	Cell culture: For culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Storage Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Full Length	Full L.

GENE INFORMATION

Gene Name	FIG4 FIG4 phosphoinositide 5-phosphatase [Homo sapiens (human)]
Official Symbol	FIG4
Synonyms	FIG4; FIG4 phosphoinositide 5-phosphatase; YVS; BTOP; SAC3; ALS11; CMT4J; KIAA0274; dJ249I4.1; polyphosphoinositide phosphatase; FIG4 homolog, SAC domain containing lipid phosphatase; FIG4 homolog, SAC1 domain containing lipid phosphatase; FIG4 homolog, SAC1 lipid phosphatase domain containing; SAC domain-containing protein 3; Sac domain-containing inositol phosphatase 3;

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phosphatidylinositol 3,5-bisphosphate 5-phosphatase; serine-protein phosphatase
FIG4; EC 3.1.3.16; EC 3.1.3.36; EC 3.1.3.86

Gene ID 9896

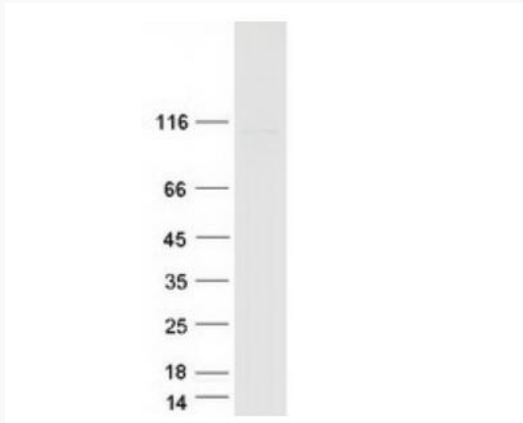
mRNA Refseq NM_014845

Protein Refseq NP_055660

MIM 609390

UniProt ID Q92562

SDS-PAGE



Coomassie blue staining of purified FIG4 protein. The protein was produced from HEK293T cells transfected with FIG4 cDNA clone using MegaTran 2.0.

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