

Recombinant Full Length Human FGFR1OP Protein, GST-tagged

Cat. No. FGFR1OP-4887HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FGFR1OP full-length ORF (AAH11902, 1 a.a. - 379 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	379 amino acids
Description	This gene encodes a largely hydrophilic protein postulated to be a leucine-rich protein family member. A t(6;8)(q27;p11) chromosomal translocation, fusing this gene and the fibroblast growth factor receptor 1 (FGFR1) gene, has been found in cases of myeloproliferative disorder. The resulting chimeric protein contains the N-terminal leucine-rich region of this encoded protein fused to the catalytic domain of FGFR1. This gene is thought to play an important role in normal proliferation and differentiation of the erythroid lineage. Alternatively spliced transcript variants that encode different proteins have been identified. [provided by RefSeq]
Molecular Mass	67.43 kDa
AA Sequence	MAATAAAVVAEEDTEL RDLLVQTLENSGVLNRIKAE LRAAVFLALEEQEKVENKTPLV NESLRKFLNTKDGRLVASLVAEFLQFFNLDFTLAVFQPETSTLQGLEGREN LARDLGI IEAEGTVGGPLLLLEVIRRCQQKEKGPTTGEGALDLSDVHSPPKSPEGKTS AQTTPSK KANDEANQSDTSVSLSEPKSKSSLHLLSHETKIGSFLSNRTL DKGDKAGLCPDEDDM

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EGDSFFDDPIPKPEKTYGLRNEPRKQAGSLASLSDAPPLKSGLSSLAGAPSLKDSES
KRGNTVLKDLKLISDKIGSLGLGTGEDDDYVDDFNSTSHRSEKSEISIGEEIEEDLSVE
IDDINTSDKLDDLTQDLTVSQLSDVADYLEDVA

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

FGFR1OP FGFR1 oncogene partner [Homo sapiens]

Official Symbol

FGFR1OP

Synonyms

FGFR1OP; FGFR1 oncogene partner; FOP; fibroblast growth factor receptor 1 oncogene partner;

Gene ID

11116

mRNA Refseq

NM_007045

Protein Refseq

NP_008976

MIM

605392

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UniProt ID

O95684

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