

# Recombinant Human FGFR1 Oncogene Partner, His-tagged

**Cat. No.** FGFR1OP-6790H **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant humanFGFR1OP protein, fused to His-tag at N-terminus, was expressed in E.coli andpurified by using conventional chromatography
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>FGFR1OP, also knownas FGFR1 oncogene partner, belongs to the FGFR1OP family. This protein is alargely hydrophilic protein postulated to be a leucine-rich protein familymember. A t(6;8)(q27;p11) chromosomal translocation, fusing this gene and thefibroblast growth factor receptor 1 (FGFR1) gene, has been found in cases ofmyeloproliferative disorder. The resulting chimeric protein contains theN-terminal leucine-rich region of this encoded protein fused to the catalyticdomain of FGFR1. This gene is thought to play an important role in normalproliferation and differentiation of the erythroid lineage</p>
<b>Form</b>	Liquid. 20mMTris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT
<b>Molecular Weight</b>	43.5 kDa (403aa),confirmed by MALDI-TOF
<b>Purity</b>	> 85% by SDS -PAGE
<b>Concentration</b>	1mg/ml (determinedby Bradford assay)
<b>Sequences of</b>	MGSSHHHHHSSGLVPRGSH MGSMAATAA AVVAEEDTEL RDLLVQTLEN

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



**aminoacids**

SGVLNRIKAE LRAAVFLALE EQEKVENKTPLVNESLKKFL NTKDGRLVAS  
LVAEFLQFFN LDFTLAVFQP ETSTLQGLEG RENLARDLGI  
IEAEGTVGGPLLEVIRRCQ QKEKGPTTGE GALDLSDVHS PPKSPEGKTS  
AQTPSKKAN DEANQSDTSV SLSEPKSKSSLHLLSHETKI GSFLSNRTL  
GKDKAGLCPD EDDMEGDSFF DDPIPKPEKT YGLRKEPRKQ  
AGSLASLSDAPPLKSGLSSL AGAPSLKDSE SKRGNTVLKD LKLISDKIGS  
LGLGTGEDDD YVDDFNSTSH RSEKSEISIGEEIEEDLSVE IDDINTSDKL  
DDLTQDLTVS QLSDVADYLE DVA

**Storage**

Can be stored at+4°C short term (1-2 weeks). For long term storage, aliquot and store at-20°C or -70°C. Avoid repeated freezing and thawing cycles

**GENE INFORMATION**

**Gene Name**

FGFR1OP FGFR1 oncogene partner[Homo sapiens]

**Official Symbol**

FGFR1OP

**Synonyms**

FGFR1OP; FGFR1 oncogene partner;FOP; OTTHUMP00000017612;  
OTTHUMP00000017613; fibroblast growth factorreceptor 1 oncogene partner

**Gene ID**

11116

**mRNA Refseq**

NM\_194429

**Protein Refseq**

NP\_919410

**MIM**

605392

**UniProt ID**

O95684

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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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

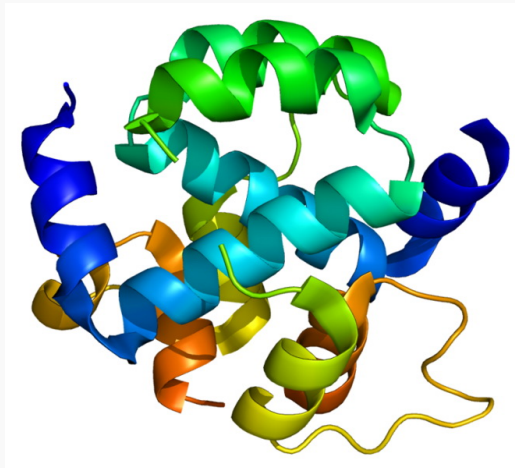
**Chromosome  
Location**

6q27

**Function**

protein binding; protein homodimerization activity; protein kinase binding; protein tyrosine kinase inhibitor activity

**PDB rendering based  
on 2d68.**



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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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