

## Recombinant Human FGFR1OP protein, GST-tagged

Cat. No. FGFR1OP-12879H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FGFR1OP protein(1-374 aa), fused with N-terminal GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-374 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
<b>AASequence</b>	MAATAAAVVAEEDTEL RDLLVQ TLENSGVLNRIK AELRAAVFLALEEQEKVENKTPLV NESLRKFLNTKDGRLVASLVAEFLQFFNLDFTLAVFQPETSTLQGLEGRENLARDLGI IEAGTVGGPLLELVIRRCQQKEKGPTTGEGALDLSDVHSPPKSPEGKTS AQTTPSK KANDEANQSDTSVSLSEPKSKSSLHLLSHETKIGSFLSNRTL D GKDKAGLCPDEDDM EGDSFFDDPIPKPEKTYGLRNEPRKQAGSLASLSDAPPLKSGLSLAGAPSLK DSES KRGNTVLKDLKLISDKIGSLGLGTGEDDDYVDDFNSTSHRSEKSEISIGEEIEEDLSVE IDDINTSDKLDDLTQDLTVSQLSDVADY
<b>Purity</b>	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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**Storage**

Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**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

**UniProt ID**

O95684

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