
Product Data Sheet

Product Name: FGFR1OP Human
 Cat. No.: GP22499
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	FGFR1 oncogene partner; FGFR1OP; FOP.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAATAA AVVAEEDTEL RDLLVQTLEN SGVLNRIKAE LRAAVFLALE EQEKVENKTP LVNESLKKFL NTKDGRLLVAS LVAEFLQFFN LDFTLAVFQP ETSTLQGLEG RENLARDLGI IEAEGTVGGP LLEVIRRCQ QKEKGPTTGE GALDLSDVHS PPKSPEGKTS AQTTPSKKAN DEANQSDTSV SLSEPKSKSS LHLLSHETKI GSFLSNRTL D GKDKAGLCPD EDDMEGDSFF DDPIPKPEKT YGLRKEPRKQ AGSLASLSDA PPLKSGLSSL AGAPSLKDSE SKRGNTVLKD LKLISDKIGS LGLGTGEDDD YVDDFNSTSH RSEKSEISIG EEIEEDLSVE IDDINTSDKL DDLTQDLTVS QLSDVADYLE DVA.		
Formulation	FGFR1OP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 1mM DTT.		

Introduction

FGFR1 oncogene partner (FGFR1OP) is a member of the FGFR1OP family. The FGFR1OP protein is an essentially hydrophilic protein proposed to be a leucine-rich protein family member. A t(6;8)(q27;p11) chromosomal translocation, fusing the FGFR1OP gene and the FGFR1 gene, is seen in cases of myeloproliferative disorder. The ensuing chimeric protein contains the N-terminal leucine-rich region of the FGFR1OP protein fused to the catalytic domain of FGFR1. The FGFR1OP gene is believed to play a significant role in normal proliferation and differentiation of the erythroid lineage.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Background

FGFR1OP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 403 amino acids (1-379 a.a) and having a molecular mass of 43.5kDa. FGFR1OP is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA