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FGFR1OP Human

Catalog #:PKPS-038

For research use only.

Description: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.

Synonyms:FGFR1 oncogene partner, FGFR1OP, FOP.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSHMAATAA AVVAEEDTEL RDLLVQTLEN SGVLNRIKAE LRAAVFLALE EQEKVENKTP LVNESLKKFL NTKDGRLVAS LVAEFLQFFN LDFTLAVFQP ETSTLQGLEG RENLARDLGI IEAEGTVGGP LLLEVIRRCQ QKEKGPTTGE GALDLSDVHS PPKSPEGKTS AQTTPSKKAN DEANQSDTSV SLSEPKSKSS LHLLSHETKI GS

Purity: Greater than 85.0% as determined by SDS-PAGE.

Formulation:
FGFR1OP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 1mM DTT.

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

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.

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