9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

FOLR2 Human

Folate Receptor 2 Human Recombinant
RCP0869

Product Overview

Name	FOLR2 Human

Description

Folate Receptor 2 Human Recombinant

Synonyms

Folate receptor beta, FR-beta, Folate receptor 2, Folate receptor, fetal/placental, Placental folate-binding protein, BETA-HFR Protein, FBP/PL-1 Protein, FR-BETA Protein, FR-P3 Protein, FRbeta, FR-BETA, FBP/PL1, BETA-HFR, FBP, FOLR2

Introduction

Folate Receptor 1, also known as FOLR1, is a part of the folate receptor family whose members bind folic acid. FOLR1 binds to folate and reduced folic acid derivatives and facilitates transfer of 5-methyltetrahydrofolate and folate analogs into the cells. FOLR1 is either attaches to membranes through a glycosyl-phosphatidylinositol linkage or exists in a soluble form. FOLR1 is also needed for embryonic development and normal cell proliferation.

Source

HEK293 Cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The FOLR2 solution (0.25mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).

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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

QDRTDLLNVC MDAKHHKTKP GPEDKLHDQC SPWKKNACCT ASTSQELHKD TSRLYNFNWD HCGKMEPACK RHFIQDTCLY ECSPNLGPWI QQVNQSWRKE RFLDVPLCKE DCQRWWEDCH TSHTCKSNWH RGWDWTSGVN KCPAGALCRT FESYFPTPAA LCEGLWSHSY KVSNYSRGSG RCIQMWFDSA QGNPNEEVAR FYAAAMHVN H HHHHH

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Biological Activity

ED50 Range is ≤ 5 ug/ml. The Biological activity is measured by the protein's binding ability in a functional ELISA with Folic Acid-BSA.

Precautions

FOLR2 Human is for research use only and not for use in diagnostic or therapeutic procedures.