Recombinant Human FGFR4 (N-GST tag)

Cat No:HR2R1423

For research use only

Overview

Quantity	10 ?g
Gene Symbol	FGFR4
Gene ID	N/A
Accession	NM_002011
Alternative Name	TKF, JTK2, CD334, MGC20292
Species	Human
Source	Insect cells
Description	FGFR4 is a member of the fibroblast growth factor receptor family which play a role in mitogenesis and differentiation . FGFR4 preferentially binds acidic fibroblast growth factor and is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis. FGFR4 gene expression is up-regulated in doxorubicin-treated, apoptosis-resistant cancer cell clones . Ectopic expression of FGFR4 in cancer cells leads to reduced apoptosis sensitivity on treatment with doxorubicin or cyclophosphamide, whereas knockdown of endogenous FGFR4 expression in breast cancer cell lines has the opposite effect.
Functions	The specific activity of FGFR4 was determined to be76 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	65
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.