PRODUCT INFORMATION

Target	FGF19
Synonyms	FGF-19; UNQ334/PRO533
Description	Recombinant human FGF19 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	O95750
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	FGF19(Leu25-Lys216) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 47.6 kDa after removal of the signal peptide. The apparent molecular mass of FGF19-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth and invasion. This growth factor is a high affinity, heparin dependent ligand for FGFR4. Expression of this gene was detected only in fetal but not adult brain tissue. Synergistic interaction of the chick homolog and Wnt-8c has been shown to be required for initiation of inner ear development. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

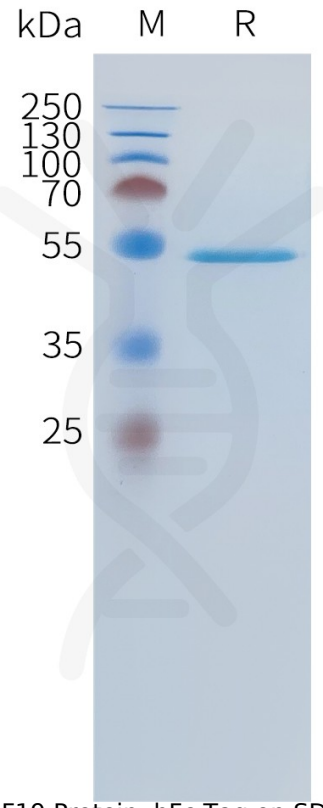

Figure 1. Human FGF19 Protein, hFc Tag on SDS-PAGE under reducing condition.