Human FGF19 Protein, His Tag

Cat. No. PME101285

PRODUCT INFORMATION

Target	FGF19
Synonyms	FGF-19;UNQ334/PRO533
Description	Recombinant Human FGF19 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	O95750
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	FGF19(Leu25-Lys216) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 22.3 kDa after removal of the signal peptide. The apparent molecular mass of FGF19-His is approximately 15-25 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% 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.
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

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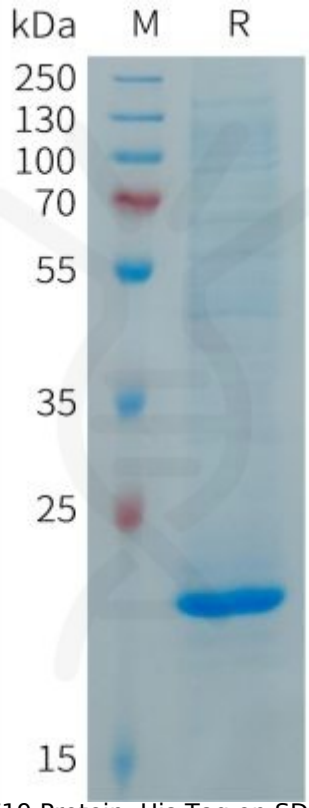


Figure 1.Human FGF19 Protein, His Tag on SDS-PAGE under reducing condition.

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