Human FGF9 Protein, His Tag

Cat. No. PME101781

PRODUCT INFORMATION

Target	FGF9
Synonyms	GAF; FGF-9; SYNS3; HBFG-9; HBGF-9
Description	Recombinant human FGF9 Protein with N-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P31371
Expression Host	HEK293
Tag	N-6×His tag
Molecular Characterization	6×His tag FGF9(Leu4-Ser208)
Molecular Weight	The protein has a predicted molecular mass of 24.0 kDa after removal of the signal peptide.
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 protein was isolated as a secreted factor that exhibits a growth-stimulating effect on cultured glial cells. In nervous system, this protein is produced mainly by neurons and may be important for glial cell development. Expression of the mouse homolog of this gene was found to be dependent on Sonic hedgehog (Shh) signaling. Mice lacking the homolog gene displayed a male-to-female sex reversal phenotype, which suggested a role in testicular embryogenesis. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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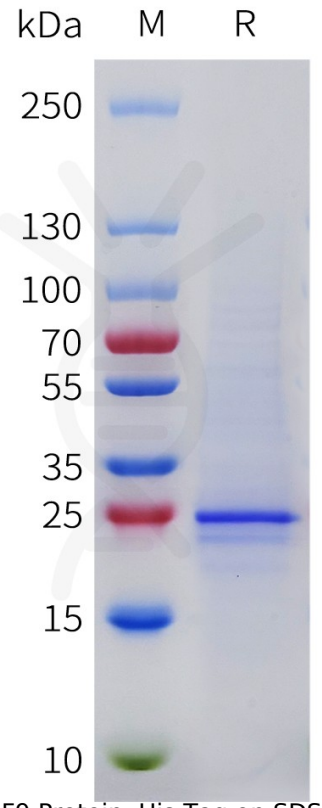


Figure 1. Human FGF9 Protein, His Tag on SDS-PAGE under reducing condition.

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