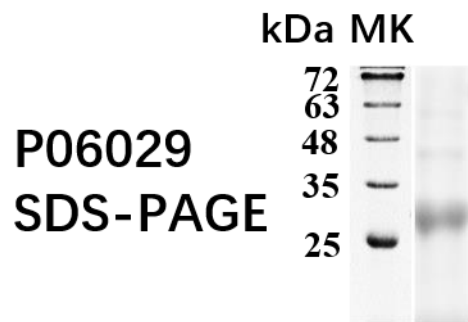


Recombinant human FGF9 protein

Catalog#:P06029 Derived from E.coli

DESCRIPTION	Recombinant Human FGF9 protein is produced by our E.coli expression system with His tag. Uniprot: P31371 Gene ID: 2254
Size	23 kDa
FORMULATION	Lyophilized from a 0.2 µm filtered solution of Tris-HCl, PH 8.0.
SHIPPING	The product is shipped at -20°C temperature. Upon receipt, store it immediately at the temperature listed below.
STORAGE	Reconstituted protein solution can be stored at 4-7°C for 2-3 months, stable at < -20°C for 1-2 years.
RECONSTITUTION	Reconstituted protein solution can be diluted with distilled PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
QUALITY CONTROL	(Liquid)Concentration: 1 mg/mL as determined by BCA. Purity: 85% as determined by reducing SDS-PAGE.
AMINOACID	Recombinant protein is produced by our E.coli expression system and the target gene encoding 1-208aa is expressed with a 6*His tag at the N-terminus.
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.



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