Full-Length

FGF14 (Human) Recombinant Protein

Catalog # P8613 Size 2 x 10 ug

Specification

Product Description	Human FGF14 full-length recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMAAAIASGLIRQKRQAREQHWDRPSASRRRSSPSKNRGL CNGNLVDIFSKVRIFGLKKRRLRRQDPQLKGIVTRLYCRQGYYLQMHPDGALDGTKDDSTNSTLFN LIPVGLRVVAIQGVKTGLYIAMNGEGYLYPSELFTPECKFKESVFENYYVIYSSMLYRQQESGRAWF LGLNKEGQAMKGNRVKKTKPAAHFLPKPLEVAMYREPSLHDVGETVPKPGVTPSKSTSASAIMN GGKPVNKSKTT
Host	Escherichia coli
Theoretical MW (kDa)	30
Form	Liquid
Preparation Method	Baculovirus expression system
Purification	chromatography
Surface Modification	Greater than 90% as determined by SDS-PAGE.
Storage Buffer	Solution (0.25mg/ml) in 20mM Tris-HCl buffer (pH 8.0) containing 50% glycerol ,0.2M NaCl, 5mM DTT.
Storage Instruction	Stored at 4°C for 2-4 weeks, should be stored at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

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Gene Info — FGF14

Entrez GeneID	2259
Protein Accession#	Q92915
Gene Name	FGF14
Gene Alias	FHF4, MGC119129, SCA27
Gene Description	fibroblast growth factor 14
Omim ID	601515 609307
Gene Ontology	Hyperlink
Gene Summary	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. A mutation in this gene is associated with autosomal dominant cerebral ataxia. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000018661|OTTHUMP00000018662|OTTHUMP00000040726|bA397O8.2|fibroblast growth factor homologous factor 4

Pathway

- MAPK signaling pathway
- Melanoma
- Pathways in cancer
- Regulation of actin cytoskeleton

Disease

- Ataxia
- Genetic Predisposition to Disease
- Spinocerebellar ataxia
- Spinocerebellar Ataxias

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- Tobacco Use Disorder

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