Recombinant Human FGF14 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FGF14-2246H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FGF14 MS Standard C13 and N15-labeled recombinant protein (NP_004106) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	27.5 kDa
AA Sequence	MAAAIASGLIRQKRQAREQHWDRPSASRRRSSPSKNRGLCNGNLVDIFSKVRIFGLK KRRLRRQDPQLKGIVTRLYCRQGYYLQMHPDGALDGTKDDSTNSTLFNLIPVGLRV VAIQGVKTGLYIAMNGEGYLYPSELFTPECKFKESVFENYYVIYSSMLYRQQESGRA WFLGLNKEGQAMKGNRVKKTKPAAHFLPKPLEVAMYREPSLHDVGETVPKPGVTP SKSTSASAIMNGGKPVNKSKTTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

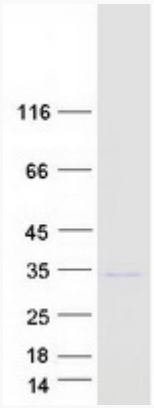
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FGF14 fibroblast growth factor 14 [Homo sapiens (human)]
Official Symbol	FGF14
Synonyms	FGF14; fibroblast growth factor 14; FHF4; SCA27; bA397O8.2; fibroblast growth factor homologous factor 4; FHF-4; FGF-14; MGC119129;
Gene ID	2259
mRNA Refseq	NM_004115
Protein Refseq	NP_004106
MIM	601515
UniProt ID	Q92915

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SDS-PAGE	

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