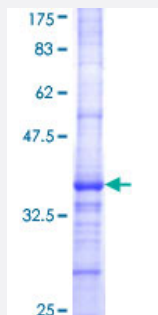


FGF11 (Human) Recombinant Protein (Q01)

Catalog # H00002256-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FGF11 partial ORF (NP_004103, 15 a.a. - 103 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VREPGGSRPVSAQRRVCPRGKSLCQKQLLILLSKVRLCGGRPARPDGRPEPQLKGIVTKLFCR QGFYLQANPDGSIQGTPEdTSSFTH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.53
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FGF11

Entrez GeneID [2256](#)

GeneBank Accession# [NM_004112](#)

Protein Accession# [NP_004103](#)

Gene Name FGF11

Gene Alias FHF3, FLJ16061, MGC102953, MGC45269

Gene Description fibroblast growth factor 11

Omim ID [601514](#)

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. The function of this gene has not yet been determined. The expression pattern of the mouse homolog implies a role in nervous system development. [provided by RefSeq]

Other Designations fibroblast growth factor homologous factor 3

Publication Reference

- [Fibroblast Growth Factor-10 Promotes Cardiomyocyte Differentiation from Embryonic and Induced Pluripotent Stem Cells.](#)

Chan SS, Li HJ, Hsueh YC, Lee DS, Chen JH, Hwang SM, Chen CY, Shih E, Hsieh PC.

PLoS One 2010 Dec; 5(12):e14414.

Application: Func, Mouse, Cardiomyocytes, Embryonic stem cells

Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)