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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FGFR3 (Human) Recombinant Protein

Catalog Number: H00002261-G01

Regulation Status: For research use only (RUO)

Product Description: Human FGFR3 full-length ORF (AAI66684.1) recombinant protein without tag.

Sequence:

MGAPACALALCVAVAIVAGASSES LGTEQRVVGRAAE
VPGPEPGQQEQLVFGSGDAVELSCPPPGGGPMGPTV
WVKDGTGLVPSERVLVGPQRLQVLNASHEDSGAYSC
RQRLTQRVLCHFSVRVTDAPSSGDDDEDEGEAEEDTG
VDTGAPYWTRPERMDKLLAVPAANTVRFRCPPAAGN
PTPSISWLKNGREFRGEHRIGGIKLRHQWLSVMESV
VPSDRGNYTCVVENKFGSIRQTYTLDVLESPHRPILQ
AGLPANQTAVLGSDFVHCKVYSDAQPHIQWLKHVEV
NGSKVGPDGTPYVTVLKTAGANTTDEKEVLSLHNVT
FEDAGEYTCLAGNSIGFSHSAWLVVLPAAEEELVEAD
EAGSVYAGILSYGVGFFLFILVVAAVTLCRLRSPPKKGL
GSPTVHKISRFP LKRQVSLESNASMSSNTPLVRIARLS
SGEGPTLANVSELELPADPKWELSRARLTGKPLGEG
CFGQVMAEAIGIDKDRAAKPVTVAVKMLKDDATDKD
LSDLVSEMEMMKMIGKHKNIIINLLGACTQGGPLYVLVE
YAAKGNLREFLRARRPPGLDYSFDTCKPPEEQLTFKD
LVSCAYQVARGMEYLASQKCIHRDLAARNVLVTEDNV
MKIADFLGARDVHNLDDYKKTNTNRLPVKWMPEALF
DRVYTHQSDVWSFGVLLWEIFTLGGSPYPGIPVEELFK
LLKEGHRMDKPANCTHDLYMIMRECWAAPSQRPTF
KQLVEDLDRVLTVTSTDEYLDLSAPFEQYSPGGQDTP
SSSSGDDSVFAHDLLPPAPPSSGGSRT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 88.7

Applications: AP

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Preparation Method: [in vitro wheat germ expression](#)

[system with proprietary liposome technology](#)

Purification: None

Recommend Usage: Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer: 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2261

Gene Symbol: FGFR3

Gene Alias: ACH, CD333, CEK2, HSFGR3EX, JTK4

Gene Summary: This gene encodes a member of the fibroblast growth factor receptor (FGFR) family, with its amino acid sequence being highly conserved between members and among divergent species. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member binds acidic and basic fibroblast growth hormone and plays a role in bone development and maintenance. Mutations in this gene lead to craniosynostosis and multiple types of skeletal dysplasia. Three alternatively spliced transcript variants that encode different protein isoforms have been described. [provided by RefSeq]