

Product datasheet for TP526913

Fgfr3 (NM_008010) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse fibroblast growth factor receptor 3 (Fgfr3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226913 representing NM_008010 Red =Cloning site Green =Tags(s)

MVVPACVLVFCVAVVAGATSEPPGPEQRVVRRAAEVPGPEPSQQEQVAFGSGDTVELSCHPPGGAPTGPT
VWAKDGTGLVASHRILVGPQRLQVLNASHEDAGVYSCQHRLTRRVLCHFVSRVTDAPSSGDDEDGEDVA
E
DTGAPYWTRPERMDKLLAVPAANTVRFRCPAAGNPTPSISWLKNGKEFRGEHRIGGIKLRHQWLSLVM
E
SVVPSDRGNITCVENKFGSIRQTYTLDVLESPHRPILQAGLPANQTAILGSDVEFHCKVYSDAQPHIQ
WLKHVEVNGSKVGPDPYVTVLKTAGANTTDKELEVLSLHNVT FEDAGEYTCLAGNSIGFSHSAWLWV
LPAEEELMETDEAGSVYAGVLSYGVVFFLFILVAAVILCRLRSPPKKGLGSPVHKVSRFPLKRQVSL
SNSSMNSNTPLVRIARLSSGEGPVLANVSELELPADPKWELSRTRTLGKPLGEGCFGQVMAEAIGIDK
DRTAKPVTVAVKMLKDDATDKDLSDLVSEMEMMMKMGKHKNIINLLGACTQGGPLYLVEYAAKGNLRE
F
LRARRPPGMDYSFDACRLPEEQLTCKDLVSCAYQVARGMEYLASQKCIHRDLAARNVLVTEDNVMKIADF
GLARDVHNLDYYKTTNGRLPVKWMPEALFDRVYTHQSDVWSFGVLLWEIFTLGGSPYPGIPVEELFKL
LKEGHRMDKPASCTHDLYMIMRECWHAVPSQRPTFKQLVEDLDRILTVTSTDEYLDLSVPFEQYSPGGQD
TPSSSSGDDSVFTHDLLPPGPPSNGGPRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	88.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_032036
Locus ID:	14184
UniProt ID:	Q7TSI8
RefSeq Size:	4219
Cytogenetics:	5 17.83 cM
RefSeq ORF:	2400
Synonyms:	CD333; Fgfr-; Fgfr-3; Flg-2; FR3; HBGF; HBGFR; Mfr3; sa; sam3
Summary:	<p>This gene encodes a member of the fibroblast growth factor receptor family. Members of this family are highly conserved proteins that differ from one another in their ligand affinities and tissue distribution. A representative protein consists 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 family member binds acidic and basic fibroblast growth hormone and plays a role in bone development and maintenance. Mutations in this gene may be associated with craniosynostosis and multiple types of skeletal dysplasia. A pseudogene of this gene is located on chromosome 1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Apr 2011]</p>