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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FGFR2 (Human) Recombinant Protein (P01)

Catalog Number: H00002263-P01

Regulation Status: For research use only (RUO)

Product Description: Human FGFR2 full-length ORF (AAH39243.2, 1 a.a. - 723 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGLTSTWRYGRGPGIGTVMVSWGRFICLVVVTMATL
SLARPSFSLVEDTTLEPEGAPYWTNTEKMEKRLHAVP
AANTVKFRCPAGGNPMTMRWLKNGKEFKQEHRIGG
YKVRNQHWLIMESVVPSPDKGNYTCVVENEYGSINHT
YHLDVVERSPHRPILQAGLPANASTVVGDDVEFVCKV
YSDAQPHIQWIKHVEKNGSKYGPDGLPYLKVLAAGV
NTTDEIEVL YIRNVTFEDAGEYTCLAGNSIGISFHS
LTVLPAGREKEITASPDYLEIAIYCIGVFLIACMVVT
VIL CRMKNTTKKPDFSSQPAVHKLTKRIPLRRQVSA
ESSS SMNSNTPLVRITRSLSTADTPMLAGVSEYEL
PEDPK WEFPRDKLTLGKPLGEGCFGQVMAEAVGID
KDKPKE AVTVAVKMLKDDATEKDLSDLASEMEMM
KMIGKHENII NLLGACTQDGPLYVIVEYASKGNL
REYLRARRPPGME YSYDINRVPEEQMTFEDLV
SCTYQLARGMEYLASQKC IHRDLAARNVLVTEN
NVMKIADFG LARDINNIDYYKKT NGRLPVKWM
APEALFDRVYTHQSDVWSFGVLMWEIF TLGGSP
YPGIPVEELLKLLKEGHRMDKPANCTNELYM
MMRDCWHAVPSQRPTFKQLVEDLDRILTLTNEEY
LD LSQPLEQYSPSPDTRSSCSSGDDSVFSPDPMP
YEP CLPQYPHINGSVKT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 105.27

Applications: AP, Array, ELISA, WB-Re

(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

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

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 2263

Gene Symbol: FGFR2

Gene Alias: BEK, BFR-1, CD332, CEK3, CFD1, ECT1, FLJ98662, JWS, K-SAM, KGFR, TK14, TK25

Gene Summary: The protein encoded by this gene is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length 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 particular family member is a high-affinity receptor for acidic, basic and/or keratinocyte growth factor, depending on the isoform. Mutations in this gene are associated with Crouzon syndrome, Pfeiffer syndrome, Craniosynostosis, Apert syndrome, Jackson-Weiss syndrome, Beare-Stevenson cutis gyrata syndrome, Saethre-Chatzen syndrome, and syndromic craniosynostosis. Multiple alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq]