



SZABO SCANDIC

Part of Europa Biosite

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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

FGFR4 (Human) Recombinant Protein (P01)

Catalog Number: H00002264-P01

Regulation Status: For research use only (RUO)

Product Description: Human FGFR4 full-length ORF (AAH11847, 1 a.a. - 802 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MRLLLALLGVLLSVPVLSLEAEEVELEPCLAPSLE
QQEQELTVALGQPVRLCCGRAERGGHWYKEGSRLAP
AGRVRGWRGRLEIASFLPEDAGRYLCLARGSMIVLQN
LTLITGDSLTSNDDDEPKSHRDPNSRHSYPQQAPYW
THPQRMEKKLHAVPAGNTVKFRCPAAGNPTPTIRWLK
DGQAFHGENRIGGIRLRHQHWSLVMESVVPDRGTY
TCLVENAVGSIRYNYLLDVLERSPHRPILQAGLPANTT
AVVGSDELCKVYSDAQPHIQWLKHIVINGSSFGADG
FPYVQVLKTADINSSEVEVLYLRNVAEDAGEYTCLAG
NSIGLSYQSAWLTVLPEEDPTWTAAPEARYTDIILYAS
GSLALAVLLLLAGLYRGQALHGRHPRPPATVQKLSRF
PLARQFSLESGSSGKSSSSLVRGVRLSSSGPALLAGL
VSLDLPLDPLWEFPRDRLLVGLKPLGEGCFGQVRAEA
FGMDPARPDQASTVAVKMLKDNASDKDLADVSEME
VMKLGRHKNIINLLGVCTQEGPLYVIVECAAKGNLREF
LRARRPPGPDLSPDGPRSSSEGPLSFPVLVSCAYQVAR
GMQYLESRKCIIHRDLAARNVLVTEDNVMKIADFGLAR
GVHHIDYYKKTSGRLPVKWMPEALFDRVYTHQSDV
WSFGILLWEIFTLGGSPYGPVVEELFSLREGHRMDR
PPHCPELYGLMRECWAAPSQRPTFKQLVEALDKVL
LAVSEEYLDLRLTFGPYSPSGGDASSTCSSSDSVFSH
DPLPLGSSSFPGSGVQT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 113.96

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: 2264

Gene Symbol: FGFR4

Gene Alias: CD334, JTK2, MGC20292, TKF

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 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. The genomic organization of this gene, compared to members 1-3, encompasses 18 exons rather than 19 or 20. Although alternative splicing has been observed, there is no evidence that the C-terminal half of the IgIII domain of this protein varies between three alternate forms, as indicated for members 1-3. This particular family member preferentially binds acidic fibroblast growth factor and, although its specific function is unknown, it is overexpressed in gynecological tumor samples, suggesting a role in breast and ovarian tumorigenesis. [provided by RefSeq]