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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

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

ERBB4 (Human) Recombinant Protein (P01)

Catalog Number: H00002066-P01

Regulation Status: For research use only (RUO)

Product Description: Human ERBB4 full-length ORF (NP_005226.1, 1 a.a. - 1308 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MKPATGLWVWVSLVAAGTVQPSDSQSV CAGTENKL
SSLSDEQYRALRKY YENCEVVMGNLEITSIEHNRDL
SFLRSVREVTGYVLVALNQFRYLPLENLRIIRG TKLYED
RYALAIFLNRYKDGNGFLQELGLKNL TEILNGGVYVDQ
NKFLCYADTIHWQDIVRNPWPSNLT LVSTNGSSGCGR
CHKSCTGRCWGPTENHCQTLTRTVCAEQCDGR CYG
PYVSDCCHRECAGGCSGPKDTCFACMNFND SGAC
VTQCPQTFVYNPTTFQLEHNFN AKYTYGAFCVKKCPH
NFVVDSSSCVRACPSSKMEVEENG IKMCKPCTDICPK
ACDGIGTGSLSAQTV DSSNIDKFINCTKINGNLIFLVT
GIHGDPYNAIEAIDPEKLN VFRTVREITGFLNIQSWPPN
MTDFSVSFNLVTIGGRVLYSGLSLLILKQQGITS LQFQS
LKEISAGNIYITDNSNLCYYHTINW TTLFSTINQRIVIRDN
RKAENCTAEGMVCNHLCS SDGCWGPDPDQCLSCRR
FSRGRICIESCNLYDGEFREFENG SICVECDPQCEKME
DGLLTCHGPGPDNCTKCSHF KDGPNCVEKCPDGLQG
ANSFIFYADPDRECHPCHPNCTQGCNGPTSHDCIYY
PWTGHSTLPQHARTPLIAAGVIGGLFILVIVGLTFAVYV
RRRSIKKKRALRRFLETELVEPLTPSGTAPNQAQLRILK
ETELKRVKVLGSGAFGT VYKGIWVPEGETVKIPVAIKIL
NETTGPKANVEFMDEALIMASMDHPLVRL LGVCLSP
TIQLVTQLMPHGCLLEYVHEHKDNIGSQLLLNWC VQIA
KGMMYLEERRLVHRDLAARNVLVKSPNHVKITDFGLA
RLLEGDEKEYNADGGKMPIKWMAL ECIHYRKFTHQSD
VWSYGVTIWELMTFGGKPYDGIPTREIPDLLEKGERLP
QPPICTIDVYVMVMVKCWMIDADSRPKFKELAAEF SRM
ARDPQRYLVIQGDDRMKLPSPNDSKFFQNL LDEEDLE
DMDAAEYLVLPQAFNIPPIYTSRARIDSNRSEIGHSP
PPAYTPMSGNQFVYRDGGFAAEQGVSVPYRAPTSTIP
EAPVAQGATAEIFDDSCCNGTLRKPVAPHVQEDSSTQ
RYSADPTVFAPERSPRGELDEEGYMT PMRDKPKQEY
LNPVEENPFVSRRKNGDLQALDNPEYHNASNGPPKA
EDEYVNEPLYLNTFANTLGKAEYLKNNILSMPEKAKKA
FDNPDYWNHSLPPRSTLQHPDYLQEYSTKYFYKQNG
RIRPIVAENPEYLSEFSLKPGTVLPPPPYRHRNTVV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 169.51

Interspecies Antigen Sequence: Mouse (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: 2066

Gene Symbol: ERBB4

Gene Alias: HER4, MGC138404, p180erbB4

Gene Summary: This gene is a member of the Tyr protein kinase family and the epidermal growth factor receptor subfamily. It encodes a single-pass type I membrane protein with multiple cysteine rich domains, a transmembrane domain, a tyrosine kinase domain, a phosphatidylinositol-3 kinase binding site and a PDZ domain binding motif. The protein binds to and is activated by neuregulins and other factors and induces a variety of cellular responses including mitogenesis and differentiation. Multiple proteolytic events allow for the release of a cytoplasmic fragment and an extracellular fragment. Mutations in this gene have been associated with cancer. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]