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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PTK2 (Human) Recombinant Protein (P01)

Catalog Number: H00005747-P01

Regulation Status: For research use only (RUO)

Product Description: Human PTK2 full-length ORF (AAH28733, 1 a.a. - 680 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKYQEVRCCLTSFNISVSFPAETDDYAEIIDEEDTYTMP
STRDYEIQRERIELGRCIGEGQFGDVHQGIYMSPENPA
LAVAIKTKNCTSDSVREKFLQEALTMRFQDHPHIVKLI
GVITENPVWIIMELCTLGELRSFLQVRKYSLDLALILYA
YQLSTALAYLESKRFBVHRDIAARNVLVSSNDCVKLGDF
GLSRYMEDSTYYKASKGKLPKWMAPESINFRFRFTA
SDVWMFVCMWEILMHGVKPFQGVKNNDVIGRIENG
ERLPMPPNCPPTLYSLMTKCWAYDPSRRPRFTELKQA
LSTILEEEKAQQEERMRESRRQATVSWDSGGSDA
PPKPSRPGYPSRSEGFYSPQHMVQTNHYQVSGY
PGSHGITAMAGSIYPGQASLLDQTDSDWNHRPQEIAMW
QPNVEDSTVLDLRGIGQVLPHTLMEERLIRQQQEMEE
DQRWLEKEERFLKPDVRLSRGSIDREDGSLQGPIGNQ
HIYQPVGKPDPAAPPKPPRPGAPGHLGSLASLSSPA
DSYNEGVKLPQEISPPPTANLDRSNDKVYENVTVGLV
KAVIEMSSKIQPAPPEEYVPMVKEVGLALRTLATVDE
TIPLLPASTHREIEMAQKLLNSDLGELINKMKLAQQYVM
TSLQQEYKQMLTAAHALAVDAKNLLDVIDQARLKML
GQTRRH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 100.54

Applications: AP, Array, ELISA, KA, 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: 5747

Gene Symbol: PTK2

Gene Alias: FADK, FAK, FAK1, pp125FAK

Gene Summary: This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix. At least four transcript variants encoding four different isoforms have been found for this gene, but the full-length natures of only two of them have been determined. [provided by RefSeq]