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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PTCH (Human) Recombinant Protein (P01)

Catalog Number: H00005727-P01

Regulation Status: For research use only (RUO)

Product Description: Human PTCH full-length ORF (AAH43542.1, 1 a.a. - 183 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGKATGRKAPLWLRAKFQRLFLKGCYIQKNCGKFLV
VGLLIFGAFVGLKAANLETNVEELWVEVGGRVSREL
NYTRQKIGEEAMFNPQLMIQTPKEEGANVLTTEALLQH
LDSALQASRVHVYMYNRQWKLEHLCYKSGELITETGY
MDQIIIEYLYPCLITPLDCFWEAKLQSGTAYLL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 47.2

Interspecies Antigen Sequence: Mouse (100); Rat (100)

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: 5727

Gene Symbol: PTCH1

Gene Alias: BCNS, FLJ26746, FLJ42602, HPE7, NBCCS, PTC, PTC1, PTCH, PTCH11

Gene Summary: This gene encodes a member of the patched gene family. The encoded protein is the receptor for sonic hedgehog, a secreted molecule implicated in the formation of embryonic structures and in tumorigenesis, as well as the desert hedgehog and indian hedgehog proteins. This gene functions as a tumor suppressor. Mutations of this gene have been associated with basal cell nevus syndrome, esophageal squamous cell carcinoma, trichoepitheliomas, transitional cell carcinomas of the bladder, as well as holoprosencephaly. Alternative splicing results in multiple transcript variants encoding different isoforms. Additional splice variants have been described, but their full length sequences and biological validity cannot be determined currently. [provided by RefSeq]