

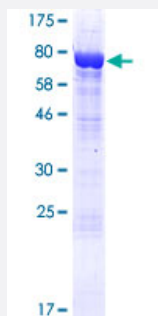
Full-Length

NAV1 (Human) Recombinant Protein (P01)

Catalog # H00089796-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NAV1 full-length ORF (AAH07523.1, 1 a.a. - 559 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKLTDIRLEALNSAHQLDQLRETMHNMQLQVLDLLKAENDRLKVAPGPSSGSTPGQVPGSSALSS
 PRRSLGLALTHSFGPSLADTDLSPMDGISTCGPKEEVTLRVVVRMPPQHIIKGDLDKQQEFFLGCS
 KVSGKVDWKMLDEAVFQVFKDYISKMDPASTLGLSTESIHGYSISHVKRVLDAEPPPEMPPCRRG
 VNNISVSLKGLKEKCVDSLVEFETLIPKPMQHYISLLKHRRLLVSGPSGTGKTYLTNRLAEYLVER
 SGREVTEGMSTFNMHQQSCKDLQLYLSNLANQIDRETGIGDVPLVILLDDLSEAGSISELVNGALT
 CKYHKCPYIGTTNQPVKMTNPHGLHLSFRMLTFSNNVEPANGFLVRYLRRKLVESDSIDINANKEE
 LLRVLDWVPKLWYHLHTFLEKHSTSDFLIGPCFFLSCPIGIEDFRTWFDLWNNSIIPYLQEGAKDGI
 KVHGQKAAWEDPVEWVRDTPWPSAQDQSKLYHLPPTVGPHSIASPPEDRTVKDSTPSSLD
 SDPLMAMLLKLQEAANYIESPDRETILDPNLQATL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

88.8

Interspecies Antigen Sequence

Mouse (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NAV1

Entrez GeneID	89796
GeneBank Accession#	BC007523.1
Protein Accession#	AAH07523.1
Gene Name	NAV1
Gene Alias	DKFZp781D0314, FLJ12560, FLJ14203, KIAA1151, MGC14961, POMFIL3, steerin-1
Gene Description	neuron navigator 1
Omim ID	611628
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the neuron navigator family and is expressed predominantly in the nervous system. The encoded protein contains coiled-coil domains and a conserved AAA domain characteristic for ATPases associated with a variety of cellular activities. This gene is similar to unc-53, a <i>Caenorhabditis elegans</i> gene involved in axon guidance. The exact function of this gene is not known. [provided by RefSeq]
Other Designations	neuron navigator-1 pore membrane and/or filament interacting like protein 3