Recombinant Human NAV1 protein, GST-tagged

Cat. No. NAV1-3690H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NAV1 protein(1359-1530 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1359-1530 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	LKVAPGPSSGSTPGQVPGSSALSSPRRSLGLALTHSFGPSLADTDLSPMDGISTCG PKEEVTLRVVVRMPPQHIIKGDLKQQEFFLGCSKVSGKVDWKMLDEAVFQVFKDYIS KMDPASTLGLSTESIHGYSISHVKRVLDAEPPEMPPCRRGVNNISVSLKGLKEKCVD SL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	NAV1 neuron navigator 1 [Homo sapiens]
Official Symbol	NAV1
Synonyms	NAV1; neuron navigator 1; DKFZp781D0314; FLJ12560; FLJ14203; KIAA1151; MGC14961; POMFIL3; pore membrane and/or filament interacting like protein 3; steerin 1; unc-53 homolog 1; neuron navigator-1; pore membrane and/or filament-interacting-like protein 3; UNC53H1; STEERIN1;
Gene ID	89796
mRNA Refseq	NM_001167738
Protein Refseq	NP_001161210
MIM	611628
UniProt ID	Q8NEY1

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