



Recombinant Human NAV1 Protein Product Manual

1. Product Basic Information

Product No.: REP07561

Protein Name: NAV1

Aliases: POMFIL3; UNC53H1; STEERIN1

UniProt ID: Q8NEY1

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8NEY1/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1098-1756aa)

Molecular Weight: 77.0 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1098-1756aa)

ATLTSQLSANANLVAAFEQSLVNMTSRLRHLAETAEEKDTELLDLRETIDFLKKKNSE
AQAVIQGALNASETTPKELRIKRQNSSDISSLNSITSHSSIGSSKDADAKKKKKKSW
VYELRSSFNKAFSIKKGPKSASSYSIDIEEATPDSSAPSSPKLQHGSTETASPSIKSS
TSSSVGTDVTEGPAHPAPHTRLFHANEEEEPEKKEVSELSELWEKEMKLDIRLE
ALNSAHQLDQLRETMHNMQLVDLLKAENDRLKVAPGPSSGSTPGQVPGSSALSS
PRRSLGLALTHSFGPSLADTDLSPMDGISTCGPKKEVTLRVVVRMPPQHIIKGDLLKQ
QEFLGCSKVSGKVDWKMLDEAVFQVFKDYISKMDPASTLGLSTESIHGYSISHVK
RVLDAEPPEMPPCRRGVNNISVSLKGLKEKCVDSL VFETLIPKPMQHYISLLLKHR
RLVLSGPGSGTGKTYLTNRLAEYLVERSGREVTEGIVSTFNMHQQCKDLQLYLSNL
ANQIDRETGIGDVPLVILLDDLSEAGSISELVNGALTCKYHKCPYIIGTTNQPVKMTPN
HGLHLSFRMLTFSNNVEPANGFLVRYLRRKLVESDSDINANKEELLRLDWDVVKLW
YHLHTFLEKHSTSDFLIGPCFFLSCPIGIEDFR

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human NAV1 partial protein (1098-1756aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. NAV1, also known as POMFIL3 or UNC53H1 or STEERIN1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.