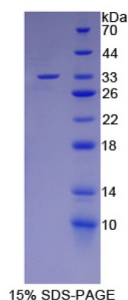


## Human NUA Family SNF1 Like Kinase 1 (NUAK1) Protein

Catalogue No.: abx166578



SDS-PAGE analysis of recombinant Human NUA Family SNF1 Like Kinase 1 Protein.

Human NUA Family SNF1 Like Kinase 1 Protein is a recombinant Human protein expressed in *E. coli*.

**Target:** NUA Family SNF1 Like Kinase 1 (NUAK1)

**Origin:** Human

**Expression:** Recombinant

**Tested Applications:** WB, SDS-PAGE

**Host:** *E. coli*

**Conjugation:** Unconjugated

**Form:** Lyophilized

**Activity:** Not tested

**Purity:** > 97%

**Reconstitution:** To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH<sub>2</sub>O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

**Storage:** Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** O60285 ([UniProt](#), [ExPASy](#))

**KEGG:** hsa:9891

# Datasheet

Version: 4.0.0  
Revision date: 06 Oct 2025



**String:** [9606.ENSF00000261402](#)

**Molecular Weight:** Calculated MW: 29.9 kDa

Observed MW (SDS-PAGE): 34 kDa

Possible reasons why the actual band size differs from the predicted band size:

1. Splice variants. Alternative splicing may create different sized proteins from the same gene.
2. Relative charge. The composition of amino acids may affect the charge of the protein.
3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.
4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.
5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.

**Sequence Fragment:** Val421-Ser658

**Sequence:** VGPALPSTFK MEQDLCRTGV LLPSSPEAEV PGKLSPKQSA TMPKKGILKK TQQRESGYYS  
SPERSESSEL LDSNDVMGSS IPSPSPDPDA RVTSHSLSCR RKGILKHSSK YSAGTMDPAL  
VSPEMPTLES LSEPGVPAEG LRSYSRPSS VISDDSVLSS DSFDLLDLQE NRPARQRIRS  
CVSAENFLQI QDFEGLQNRP RPQYLKRYRN RLADSSFSLL TDMDDVTQVY KQALEICS

**Tag:** N-terminal His tag

**Buffer:** Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.

**Concentration:** Prior to lyophilization: 200 µg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.