

Recombinant Enterobacteria Phage T4 WAC Protein (2-487 aa), His-SUMO-tagged

Cat. No. WAC-2065E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Enterobacteria Phage T4 (Bacteriophage T4) WAC Protein (2-487 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cell Biology. Protein Description: Full Length of Mature Protein.
Species	Enterobacteria Phage T4
Source	E.coli
ProteinLength	2-487 aa
Description	Chaperone responsible for attachment of long tail fibers to virus particle. During phage assembly, twelve fibritin molecules attach to the phage neck via gp13: six molecules forming the collar and six molecules forming the whiskers.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	67.7 kDa
AA Sequence	TDIVLNDLPFVDGPPAEGQSRISWIKNGEELGADTQYGSEGSMNRPTVSVLRNVEV LDKNIGILKTSLETANSDIKTIQGILDVSGDIEALAQIGINKKDISDLKTLTSEHTEILNGT NNTVDSILADIGPFNAEANSVYRTIRNDLLWIKRELQYTGQDINGLPVVGPNPSSGM KHRIINNTDVITSQGIRLSELETKFIESDVGSLTIEVGNLREELGPKPPSFSQNVYSRLN EIDTKQTTVESDISAIKTSIGYPGNNSIITSVNTNTDNIA SINLELNQSGGIKQRLTVIETS

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IGSDDIPSSIKGQIKDNTTSIESLNGIVGENTSSGLRANVSWLNQIVGTDSSGGQPSP
PGSLLNRVSTIETSVSGLNNAVQNLQVEIGNNSAGIKGQVVALNTLVNGTNPNGSTV
EERGLTNSIKANETNIASVTQEVNTAKGNISLQGDVQALQEAGYIPEAPRDGQAYV
RKDGEWVFLSTFLSPA

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [wac fibrin \[Escherichia virus T4 \]](#)

Official Symbol [WAC](#)

Synonyms wac; Collar protein Whisker antigen control protein;

Gene ID [1258630](#)

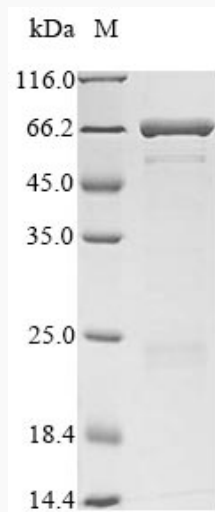
Protein Refseq [NP_049771](#)

UniProt ID [P10104](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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