

Recombinant Staphylococcus Aureus WALK Protein (382-600 aa), His-Myc-tagged

Cat. No. WALK-2536S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Staphylococcus Aureus (strain Newman) WALK Protein (382-600 aa) is produced by E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Partial.
Species	Staphylococcus Aureus
Source	E.coli
ProteinLength	382-600 aa
Description	Member of the two-component regulatory system Walk/WalR that regulates genes involved in autolysis, biofilm formation and cell wall metabolism. Walk functions as a sensor protein kinase which is autophosphorylated at a histidine residue and transfers its phosphate group to WalR.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	29.3 kDa
AA Sequence	NVSHELRTPLTSMNSYIEALEEGAWKDEELAPQFLSVTREETERMIRLVNDLLQLSK MDNESDQINKEIIDFNMFINKIINRHEMSAKDTTFIRDIPKKTIFTEFDPDKMTQVFDNVI TNAMKYSRGDKRVEFHVQKQNP LYNRMTIRIKDNGIGIPINKVDKIFDRFYRVDKARTR KMGGTGLGLAISKEIVEAHNGRIWANSVEGQGTSIFITLPCEV

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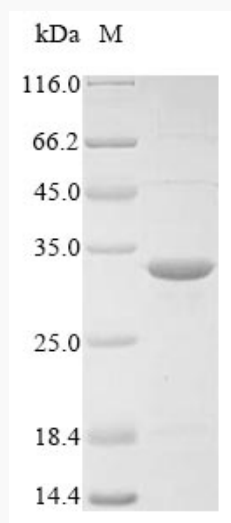
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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	walk;
UniProt ID	A6QD58



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

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