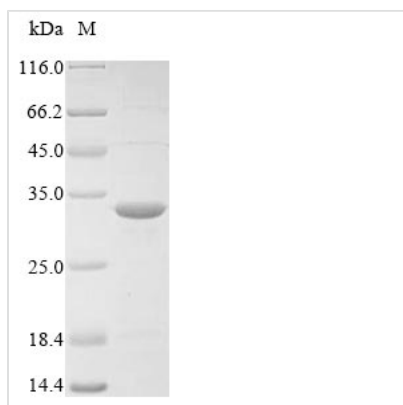




Recombinant Staphylococcus aureus Sensor protein kinase walk (walk), partial

Product Code	CSB-EP409046FLG1
Relevance	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.
Abbreviation	Recombinant Staphylococcus aureus walk protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	A6QD58
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus (strain Newman)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	NVSHELRTPLTSMNSYIEALEEGAWKDEELAPQFLSVTREETERMIRLVNDLLQ LSKMDNESDQINKEIIDFNMFINKIINRHEMSAKDTTFIRDIPKKTIFTEFDPDKMT QVFDNVITNAMKYSRGDKRVEFHVKQNPLYNRMTIRIKDNGIGIPINKVDKIFDR FYRVDKARTRKMGGTGLGLAISKEIVEAHNGRIWANSVEGQGTSIFITLPCEV
Research Area	Others
Source	E.coli
Target Names	walk
Protein Names	vick
Expression Region	382-600aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	29.3 kDa
Protein Length	Partial
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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