

Recombinant Mycobacterium tuberculosis (strain CDC 1551 / Oshkosh) purF protein, His-tagged

Cat. No. purF-4533M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mycobacterium tuberculosis (strain CDC 1551 / Oshkosh) purF protein(P9WHQ6)(35-527aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Mycobacterium Tuberculosis
Source	E.coli
ProteinLength	35-527aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	56.5 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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AA Sequence

CGVFGVWAPGEDVAKLTYYGlyALQHRGQEAAGIAVADGSQVLVFKDLGLVSQVF
 DEQTLAAMQGHVAIGHCRYSTTGDTTWENAQPVFRNTAAGTGVALGHNGNLVNAA
 ALAARARDAGLIATRC PAPATTDSDILGALLAHGAADSTLEQAALDLLPTVRGAFCLT
 FMDENTLYACRDPYGV RPLSLGR LDRGWVVA SETAALDIVGASFVRDIEPGELLAID
 ADGVRSTRFANPTPKGCVFEYVYLARPDSTIAGRSVHAARVEIGRRLARECPVEADL
 VIGVPESGTPAAVGYAQESGVYPYGQGLMKNAYVGRFTIQPSQTIRQLGIRLKLNLPLK
 EVIRGKRLIVDDSI VRGNTQRALVRMLREAGAVELHVRIASPPVKWPCFYGIDFPSP
 AELIANAVENEDEMLEAVRHAIGADTLGYISLRGMVAASEQPTSRLCTACFDGKYPIE
 LPRETALGKNVIEHMLANAARGAALGELAADDEVPVGR

SDS-PAGE

