Recombinant Mycobacterium Tuberculosis MPT51 Protein (27-299 aa), His-SUMO-tagged

Cat. No. MPT51-963M **Lot. No.** (See product label)

SPECIFICATION

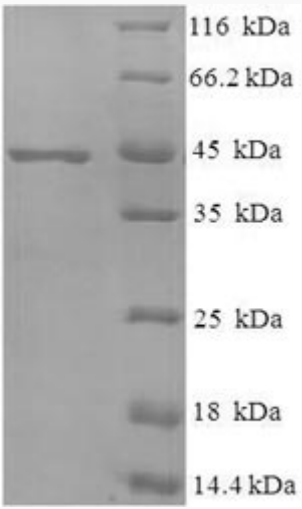
Product Overview	Recombinant Mycobacterium Tuberculosis (strain CDC 1551/Oshkosh) MPT51 Protein (27-299 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Mycobacterium Tuberculosis
Source	E.coli
ProteinLength	27-299 aa
Description	May have a role in host tissue attachment, whereby ligands may include the serum protein fibronectin and small sugars.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	44.5 kDa
AA Sequence	AEPTAKAAPYENLMVPSPSMGRDIPVAFLAGGPHAVYLLDAFNAGPDVSNWVTAGN AMNTLAGKGISVVAPAGGAYSMYTNWEQDGSKQWDTFLSAELPDWLAANRGLAP GGHAAVGAAQGGYGAMALAAFHPDRFGFAGSMSGFLYPSNTTTNGAIAAGMQQF GGVDTNGMWGAPQLGRWKWHDPWVHASLLAQNNTRVWVWSPTNPGASDPAAMI GQAAEAMGNSRMFYNQYRSVGGHNGHFDFPASGDNGWGSWAPQLGAMSGDIVG AIR

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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 concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID	P9WQN6



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

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