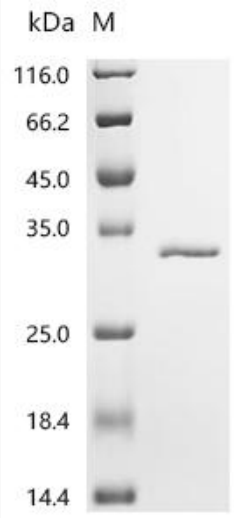
Recombinant Mycobacterium tuberculosis (strain ATCC 25177 / H37Ra) upp protein, His-tagged

Cat. No. upp-4553M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mycobacterium tuberculosis (strain ATCC 25177 / H37Ra) upp protein(A5U7Y3)(1-207 aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Mycobacterium tuberculosis
Source	E.coli
ProteinLength	1-207 aa
Form	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
Molecular Mass	28.8 kDa
AASequence	MQVHVVDHPLAAARLTTLRDERTDNAGFRAALRELTLLLIYEATRDAPCEPVPIRTPL AETVGSRLTKPPLLVPVLRAGLGMVDEAHAALPEAHVGFVGVARDEQTHQPVPYLD SLPDDLTDVPVMVLDPMVATGGSMTHTLGLLISRGAADITVLCVVAAPEGIAALQKAA PNVRLFTAAIDEGLNEVAYIVPGLGDAGDRQFGPR
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.
SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA