

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	MQVHVVDHPLAAARLTTLRDERTDNAGFRAALRELTLLLIYEATRDAPCEPVPPIRTPL AETVGSRLTKPPLLVPVLRAGLGMVDEAHAALPEAHVGFVGVARDEQTHQPVPYLD SLPDDLTDVPVMVLDPMVATGGSMHTLTGLLISRGAAADITVLCVVAAPEGIAALQKAA PNVRLFTAIDEGLNEVAYIVPGLGDAGDRQFGPR
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

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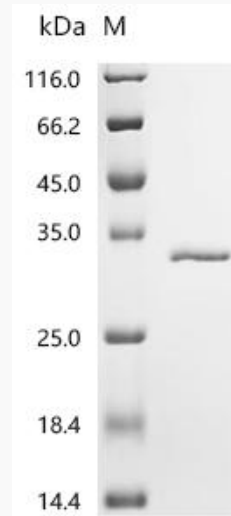


repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

SDS-PAGE



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