

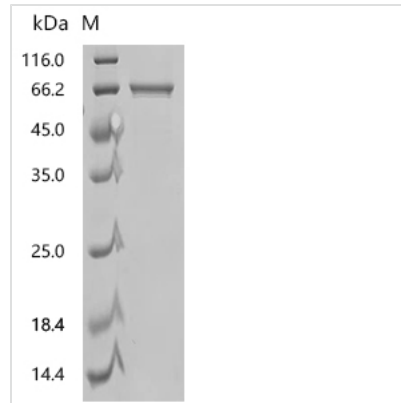


Recombinant Mycolicibacterium smegmatis 3-oxosteroid 1-dehydrogenase (ksdD)

Product Code	CSB-EP368051MVXc7
Abbreviation	Recombinant Mycolicibacterium smegmatis ksdD protein
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.	A0R4S9
Form	Liquid or Lyophilized powder
Storage Buffer	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.
Product Type	Recombinant Protein
Immunogen Species	Mycolicibacterium smegmatis (strain ATCC 700084 / mc(2)155) (Mycobacterium smegmatis)
Sensitivity	Not Test
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MFYMTGQEYDVVVVVGSGAAGMVAALTAHQGLSTVVVEKAPHYGGSTARSG GGVWIPNNEILKRDGVKDTPDEARKYLHAIIGDVVPAEKIDTYLDRGPEMLSFV LKHSPLKLCWVPGYSDYYPETPGGKPTGRSVEPKPFDANKLGPDLKGLEPPY GKVPMNMVVMQQDYVRLNQLKRHPRGVLRLSLKVGIRATWGKVSIGNLVGM GRALIAPLRIGLREAGVPVLLNTALTDLYVEDGRVGLGIYVRDTTAGDDAEPRILR ARHGVILGSGGFEHNEQMRVKYQRAPITTEWTVGAVANTGDGIVAAEKLGAAL ELMEDAWWGPTVPLVGAPWFALSERNSPGSIIVNMSGKRFMNESMPYVEAC HHMYGGQYGGQPGPGENIPAWLIFDQQYRDYIFAGLQPGQRIPSKWLESGV IVKADTLVELAEKTGLPADQFTSTIERFNGFARSGVDEDFHRGESAYDRYYGD PTNKPNPNLGEIKHGPFYAAKMVPGDLGKGGIRT DVRGRALRDDD SVIEGLY AAGNVSSPVMGHTYPGPGGTIGPAMTFGYLAALDIAATAAASRKG
Research Area	Others
Source	Mycolicibacterium smegmatis (strain ATCC 700084 / mc(2)155) (Mycobacterium smegmatis)
Target Names	ksdD
Expression Region	1-569aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	68.4 kDa

**Protein Length**

Full Length

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

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.