Certificate of Analysis

Recombinant SMD3 protein (His tag)

Catalog Number: 547135

Product Information

Batch No.	NP456489
Species	Human
Source	E. coli
Tag	C-His tag
Accession	P62318
Molecular Weight	Predictes a molecular mass of 15.44 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 15 kDa band.

Analytical Data

Test	Specifications	Results
Purity	>90%, by SDS-PAGE with Coomassie Brilliant Blue staining.	90%
Endotoxin Level	-	Not Tested
Molecular Weight		Approximately 15.44 kDa band in reducing SDS-PAGE.
Appearance		White lyophilized powder

Preparation and Storage

Formulation	Lyophilized from sterile 25 mM HEPES, 20 mM NaCl, pH 8.0
Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage & Stability	Samples are stable for up to twelve months from date of receipt at -70℃ Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	Ambient temperature

This certificate summarizes the QC information recorded for the batch listed above.

QC Signature

QC Date: 2026-06-22

Products are for research use only and are not intended for diagnostic or therapeutic use.