

Recombinant Rickettsia slovaca (strain 13-B) gltA protein, His-tagged

Cat. No. gltA-4689R **Lot. No.** (See product label)

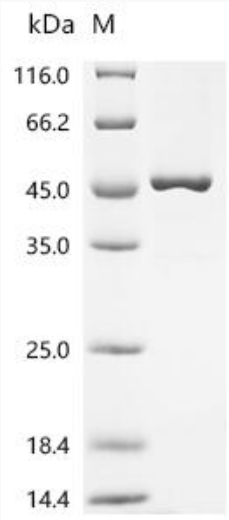
SPECIFICATION

Product Overview	Recombinant Rickettsia slovaca (strain 13-B) gltA protein(Q59776)(1-435 aa), fused with C-terminal His tag, was expressed in Yeast.
Species	Rickettsia slovaca (strain 13-B)
Source	Yeast
ProteinLength	1-435 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	50.0 kDa
AASequence	MTNENNNDSEFAELKIRGKIFKLPILKASIGEDVIDISRVSAEADCFTYDPGFMSTASC QSTITYIDGDKGILRHRGYDIKDLAEKSDFLEVAYLLIYGELPSGEQYNNFTKQVAHHS LVNERLHYLFQTFCSSSHPMAIMLAAVGSLSAFYPDLLNFKEADYELTAIRMIAKIPTIA AMSYKYSIGQPFIYPDNSLDFTENFLHMMFATPCTKYTVNPIIKNALNKIFILHADHEQ NASTSTVRIAGSSGANPFACISTGIASLWGPAGGGANEAVINMLKEIGSSEYIPKYIAK AKDKNDPFRMLMGFGHRVYKNYDPRAAVLKETCKEVLKELGQLDNNPLLQIAIELEAIA LKDEYFIERKLYPNVDFYSGIYKAMGIPSQMFTVLFAIARTVGWMAQWKEMHEDPE QKISRPRQLYTGIVHREYKGRER

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid 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	 The SDS-PAGE gel image displays molecular weight markers on the left in kDa: 116.0, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. A single, prominent protein band is visible in the sample lane at approximately 45 kDa.