

Glutaminase 1 E.Coli Recombinant

Item Number	rAP-1378
Synonyms	Glutaminase 1, ybaS.
Description	GLSA1 E.Coli Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 330 amino acids (1-310a.a.) and having a molecular mass of 35.0kDa. The GLSA1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P77454
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MLDANKLQQA VDQAYTQFHS LGGQNADYI PFLANVPGQL AA-VAIVTCDG NVYSAGDSY RFALESISKV CTLALAEDEV GPQAVQDKIG ADPTGLPFNS VIALELHGGK PLSPVLNAGA IATTSLINAE NVEQRWQRIL HIQQQLAGEQ VALSDEVNQS EQTTNFHNRA IAWL-LYSAGY LYCDAMEACD VYTRQCSTLL NTIELATLGA TLAAGGVNPL THKRVLQADN VPYILAEMMM EGLYGRSGDW AYRVGLPGKS GVGGGILAVV PGVMGIAAFS PPLDEDGNSV RGQKMOVASVA KQLGYNVFKG
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The GLSA1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**