

## 32-2370: GLSA1 Recombinant Protein

**Alternative Name :** Glutaminase 1,ybaS.

### Description

Source : Escherichia Coli. 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. GlSA1 is a member of the great superfamily of serine-dependent beta-lactamases and penicillin-binding proteins which exist almost in every bacteria and eukaryotes and catalyze the hydrolytic deamidation of l-glutamine to l-glutamate and free NH<sub>4</sub><sup>+</sup>.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	The GLSA1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.
<b>Storage condition :</b>	GLSA1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MLDANKLQQA VDQAYTQFHS LNGGQNADYI PFLANVPGQL AAVAIVTCDG NVYSAGDSY RFALESISKV CTLALALEDV GPQAVQDKIG ADPTGLPFNS VIALELHGGK PLSPLVNAGA IATTSLINAE NVEQRWQRIL HIQQQLAGEQ VALSDEVNQS EQTTNFHNRA IAWLLYSAGY LYCDAMEACD VYTRQCSTLL NTIELATLGA TLAAGGVNPL THKRVLQADN VPYILAEMMM EGLYGRSGDW AYRVGLPGKS VGGGGILAVV PGVMGIAAFS PPLDEDGNSV RGQKMVASVA KQLGYNVFKG

