Recombinant E. coli gshA Protein, His-SUMO-tagged

Cat. No. gshA-1234E **Lot. No.** (See product label)

SPECIFICATION

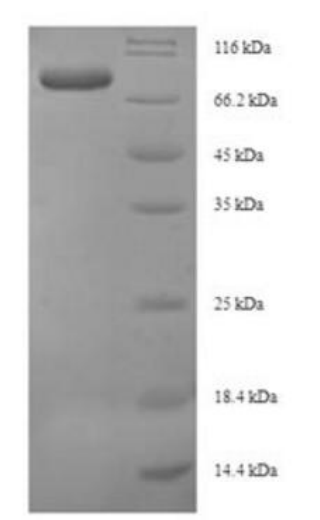
Product Overview	Recombinant E. coli (strain K12) gshA Protein (1-518aa) was expressed in E. coli with N-terminal 6xHis-SUMO-tag.
Species	E.coli
Source	E.coli
ProteinLength	1-518 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	74.3 kDa
AA Sequence	MIPDVSQALAWLEKHPQALKGIQRGLERETLRVNADGTLATTGHPEALGSALTHKWI TTDFAEALLEFITPVDGDIEHMLTFMRDLHRYTARNMGDERMWPLSMPCYIAEGQDI ELAQYGTSNTGRFKTLYREGLKNRYGALMQTISGVHYNFSLPMAFWQAKCGDISGA DAKEKISAGYFRVIRNYYRFGWVIPYLFGASPAICSSFLQGKPTSLPFEKTECGMYYL PYATSLRLSDLGYTNKSQSNLGITFNDLYEYVAGLKQAIKTPSEEYAKIGIEKDGKRL QINSNVLQIENELYAPIRPKRVTRSGESPSDALLRGGIEYIEVRSLDINPFSPIGVDEQ QVRFLDLFMVWCALADAPEMSSSELACTRVNWNRVILEGRKPGLTLGIGCETAQFP LPQVGKDLFRDLKRVAQTLDSINGGEAYQKVCDELVACFDNPDLTFSARILRSMIDT GIGGTGKAFAEAYRNLLREEPLEILREEDFVAEREASERRQQEMEAADTEPFAVWLE KHA
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name	gshA glutamate-cysteine ligase [Escherichia coli str. K-12 substr. MG1655]
Official Symbol	gshA
Synonyms	gshA; glutamate-cysteine ligase; ECK2683; gshI; JW2663; EC 6.3.2.2; Gamma-ECS; GCS; Gamma-glutamylcysteine synthetase
Gene ID	944881
Protein Refseq	NP_417173.1
UniProt ID	P0A6W9



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