

Recombinant Human GLUL Protein

Catalog #	Source	Reactivity	Applications
CRP1629	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human GLUL Protein is produced by our E. coli expression system and the target gene encoding Thr2-Asn373 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 200mM NaCl, 50mM Imidazole, pH 8.0.		
Gene Symbol	GLUL		
Alternative Names	GLNS; Glutamine synthetase; GS; Glutamate decarboxylase; Glutamate--ammonia ligase		
Entrez Gene	2752 (Human)		
SwissProt	P15104 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>TTSASSHLNK GIKQVYMSLP QGEKVQAMYI WIDGTGGLR CKTRTLDSEP KCVEELPEWN</p> <p>FDGSSTLQSE GSNSDMYLPV AAMFRDPFRK DPNKLVLCEV FKYNNRPAET NLRHTCKRIM</p> <p>DMVSNQHPWF GMEQEYTLMG TDGHPFGWPS NGFPGPQGPY YCGVGADRAY</p> <p>GRDIVEAHYR ACLYAGVKIA GTNAEVMPAQ WEFQIGPCEG ISMGDHLWVA RFILHRVCE</p> <p>FGVIATFDPK PIPGNWNGAG CHTNFSTKAM REENGLKYIE EAIEKLSKRH QYHIRAYDPK</p> <p>GGLDNARRLT GFHETSNIND FSAGVANRSA SIRIPRTVGQ EKKGYFEDRR PSANCDPFSV</p> <p>TEALIRTCLL NETGDEPFQY KNLEHHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Storage/Stability Store it at -20°C to -80°C for one year.

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