

Product Data Sheet

Glutamine Synthetase

Catalog #	Source	Reactivity	Applications
CZM1085	E.coli		
Description	Recombinant Glutamine Synthetase from E.coli		
Specificity	>400 U/mg protein, >100 U/mg powder		
Form	White lyophilized powder		
Alternative Names	EC 6.3.1.2; glutamate--ammonia ligase; L-glutamine synthetase		
CAS Number	9023-70-5		
Molecular Weight			
Purity	>90%		
Unit Definition	One unit is defined as the amount of enzyme will convert 1 micromole L-glutamate to L-glutamine in 15 min at pH 7.1, 37 ° C.		
Storage/Stability	Shipped at 4° C. Store at -20° C for 2 years.		

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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com