

Product Data Sheet

Recombinant Human LIG3 Protein

Catalog #	Source	Reactivity	Applications
CST1817	E. coli	H	
Description	Recombinant Human LIG3 Protein is produced by E. coli expression system and the target gene encoding Gln91-Asp260 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	LIG3		
Alternative Names	DNA ligase 3; DNA ligase III; Polydeoxyribonucleotide synthase [ATP] 3		
Entrez Gene	3980		
SwissProt	P49916		
Purity			
Chemical Structure	QRFCVDYAKR GTAGCKKCKE KIVKGVCRIG KVVPNPFSES GGDMKEWYHI KCMFEKLERA RATTKKIEDL TELEGWEELE DNEKEQITQH IADLSSKAAG TPKKKAVVQA KLTTTGQVTS PVKGASFVTS TNPRKFSGFS AKPNNSGEAP SSPTPKRSL SSKCDPRHKD		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. 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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