

Product Data Sheet

Recombinant Human GPD2 Protein

Catalog #	Source	Reactivity	Applications
CST1467	E. coli	H	
Description	Recombinant Human GPD2 Protein is produced by E. coli expression system and the target gene encoding Gln591-Glu710 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	GPD2		
Alternative Names	Glycerol-3-phosphate dehydrogenase, mitochondrial; GPD-M; GPDH-M; mtGPD		
Entrez Gene	2820		
SwissProt	P43304		
Purity			
Chemical Structure	QLETARKFLY YEMGYKSRSE QLTDREISL LPSDIDRYKK RFHKFDADQK GFITIVDVQR VLESINVQMD ENTLHEILNE VDLNKNQVQE LNEFLQLMSA IQKGRVSGSR LAILMKTAEE		
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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

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order@cohesionbio.com

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