

Product Data Sheet

Recombinant Human HPGD Protein

Catalog #	Source	Reactivity	Applications
CRP1680	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human HPGD Protein is produced by our mammalian expression system and the target gene encoding Met1-Gln266 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM HEPES, 150mM NaCl, pH 7.4.		
Gene Symbol	HPGD		
Alternative Names	PGDH1; 15-hydroxyprostaglandin dehydrogenase [NAD(+); 15-PGDH; Prostaglandin dehydrogenase 1		
Entrez Gene	3248 (Human)		
SwissProt	P15428 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MHVNGKVALV TGAAQGIGRA FAEALLLKGA KVALVDWNLE AGVQCKAALD EQFEPQKTLF IQCDVADQQQ LRDTFRKVVD HFGRLDILVN NAGVNNEKNW ECTLQINLVS VISGTYLGLD YMSKQNGGEG GIIINMSSLA GLMPVAQQPV YCASKHGIVG FTRSAALAAN LMNSGVRLNA ICPGFVNTAI LESIEKEENM GQYIEYKDHI KDMIKYYGIL DPPLIANGLI TLIEDDALNG AIMKITTSKG IHFQDYDTTP FQAKTQVDHH HHHH		
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.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

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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