

Product Data Sheet

Recombinant Human SUMF1 Protein

Catalog #	Source	Reactivity	Applications
CRP2359	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human SUMF1 Protein is produced by Mammalian expression system and the target gene encoding Ser34-Asp374 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 2mM CaCl ₂ , 10% Glycerol, pH 7.5.		
Gene Symbol	SUMF1		
Alternative Names	FGE; Sulfatase-modifying factor 1; C-alpha-formylglycine-generating enzyme 1		
Entrez Gene	285362 (Human)		
SwissProt	Q8NBK3 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	SQEAGTGAGA GSLAGSCGCG TPQRPGAHGS SAAAHRYSTRE ANAPGPVPGG RQLAHSKMVP IPAGVFTMGT DDPQIKQDGE APARRVTIDA FYMDAYEVSN TEFKFKVNST GYLTEAEKFG DSFVFEGMLS EQVKTNIIQA VAAAPWWLPV KGANWRHPEG PDSTILHRPD HPVLHVSWND AVAYCTWAGK RLPTEAEWEY SCRGLHNRL FPWGNKLQPK GQHYANIWQG EFPVTNTGED GFQGTAPVDA FPPNGYGLYN IVGNAWEWTS DWWTVHHSVE ETLNPKGPPS GKDRVKKGGS YMCHRSYCYR YRCAARSQNT PDSSASNLGF RCAADRLPTM DVHHHHHHH		
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. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize 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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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.

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