

Product Data Sheet

Recombinant Human SUMF1 Protein

Catalog # Source Reactivity Applications

CRP2359 Human cells Human E, WB, SDS-PAGE, MS

Description Recombinant Human SUMF1 Protein is produced by our 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 CaCl2,

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 SAAAHRYSRE ANAPGPVPGE

RQLAHSKMVP IPAGVFTMGT DDPQIKQDGE APARRVTIDA FYMDAYEVSN TEFEKFVNST

GYLTEAEKFG DSFVFEGMLS EQVKTNIQQA VAAAPWWLPV KGANWRHPEG PDSTILHRPD

HPVLHVSWND AVAYCTWAGK RLPTEAEWEY SCRGGLHNRL FPWGNKLQPK

GOHYANIWOG EFPVTNTGED GFOGTAPVDA FPPNGYGLYN IVGNAWEWTS

DWWTVHHSVE ETLNPKGPPS GKDRVKKGGS YMCHRSYCYR YRCAARSQNT PDSSASNLGF

RCAADRLPTM DVHHHHHH

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.

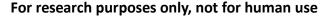
Storage/Stability Store it at -20°C to -80°C for one year.

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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