

Recombinant Human SGSH Protein

Catalog #	Source	Reactivity	Applications
CRP2296	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human SGSH Protein is produced by our Mammalian expression system and the target gene encoding Arg21-Leu502 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, 1mM CaCl ₂ , 10% Glycerol, pH 7.5.
Gene Symbol	SGSH
Alternative Names	HSS; N-sulphoglucosamine sulphohydrolase; Sulfo-glucosamine sulfamidase; Sulphamidase
Entrez Gene	6448 (Human)
SwissProt	P51688 (Human)
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Chemical Structure	RPRNALLLLA DDGGFESGAY NNSAIATPHL DALARRSLLF RNAFTSVSSC SPSRASLLTG LPQHQNMGMYG LHQDVHFFNS FDKVRSPLLL LSQAGVRTGI IGKKHVGPEY VYPDFAYTE ENGSVLQVGR NITRIKLLVR KFLQTQDDRP FFLYVAFHDP HRCGHSQPQY GTFCEKFGNG ESGMGRIPDW TPQAYDPLDV LVPYFVPNTP AARADLAAQY TTVGRMDQGV GLVLQELRDA GVLNDTLVIF TSDNGIPFPS GRTNLYWPGT AEPLLVSSE HPKRWGQVSE AYVSLDLTP TILDWFSIPY PSYAIFGSKT IHLTGRSLLP ALEAEPLWAT VFGSQSHHEV TMSYPMRSVQ HRHFRLVHNL NFKMPFPIDQ DFYVSPFQD LLNRTTAGQP TGWYKDLRH YRARWELYD RSRDPHETQN LATDPRFAQL LEMLRDQLAK WQWETHDPWV CAPDGVLEEK LSPQCQPLHN ELVDHHHHHH
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

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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Product Data Sheet

- 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.

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