

Recombinant Human SENP2 Protein

Catalog #	Source	Reactivity	Applications
CRP2266	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human SENP2 Protein is produced by our E. coli expression system and the target gene encoding Asp363-Leu589 is expressed with a 6His, SUMO tag at the N-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 50mM HEPES, 5% glycerol, pH 7.4.		
Gene Symbol	SENP2		
Alternative Names	KIAA1331; Sentrin-specific protease 2; Axam2; SMT3-specific isopeptidase 2; Smt3ip2; Sentrin/SUMO-specific protease SENP2		
Entrez Gene	59343 (Human)		
SwissProt	Q9HC62 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>MGHHHHHGS LQDSEVNQEA KPEVKPEVKP ETHINLKVSD GSSEIFFKIK KTTPLRRLME</p> <p>AFAKRQGKEM DSLRFLYDGI RIQADQAPED LDMEDNDIIE AHREQIGGDD LLELTEDMEK</p> <p>EISNALGHGP QDEILSSAFK LRITRGDIQT LKNYHWLNDE VINFYMNLLV ERNKKQGYPA</p> <p>LHVFSTFFYP KLKSGGYQAV KRWTKGVNLF EQEILVPIH RKVHWSLVVI DLRKKCLKYL</p> <p>DSMGQKGHRI CEILLQYLQD ESKTKRNSDL NLEWTHHSM KPHEIPQQLN GSDCGMFTCK</p> <p>YADYISRDKP ITFTQHQMPL FRKKMVWEIL HQQLL</p>		
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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

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order@cohesionbio.com

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custom@cohesionbio.com