

SUMO1 Activating Enzyme Subunit 1 Human Recombinant

Item Number	rAP-1398
Synonyms	AOS1, HSPC140, SUA1, UBLE1A, SAE1, SUMO1 Activating Enzyme Subunit 1, FLJ3091.
Description	SAE1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 378 amino acids (1-346 a.a.) and having a molecular mass of 42.2 kDa. The SAE1 is fused to 32 amino acid T7-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9UBE0
Amino Acid Sequence	MHHHHHMAS MTGGQQMGRD LYDDDDKDRW GSMVEKEEAG GGISEEEAAQ YDRQIRLWGL EAQKRLRASR VLLVGLKGLG AEIAKNLILA GVKGLTMDH EQVTPEDPGA QFLIRTGSVG RNRAEASLER AQNLNPMVDV KVDTEIEKK PESFFTQFDA VCLTCCSRDV IVKVDQICHK NSIKFFT- GDV FGYHGYTFAN LGEHEFVEEK TKVAKVSQGV EDGPDTKRAK LDSSETTMVK KKVVFVCPKE ALEVDWSSEK AKAALKRTTS DYFLLQVLLK FRDTKGRDPS SDTYEEDSEL LLQIRNDVLD SLGISPDLLP EDFVRYCFSE MAPVCAVVG ILAQEIVKAL SQRDPPHNNF FFDGMKGNNG IVECLGPK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	SAE1 Human solution containing 20mM Tris pH-8, 1mM DTT & 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**