

Sulfatase Modifying Factor 1 Human Recombinant

Item Number	rAP-1829
Synonyms	Sulfatase modifying factor 1, FGE, C-alpha-formylglycine-generating enzyme 1, FGly-generating enzyme, UNQ3037, AAPA3037, EC 1.8.99.
Description	SUMF1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 304 amino acids (91-374 a.a.) and having a molecular mass of 34.1kDa.SUMF1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q8NBK3
Amino Acid Sequence	MGSSHHHHH SSSLVPRGSH MVPIPAGVFT MGTDDPQIKQ DGEAPARRVT IDAFYMDAYE VSNTFEKFKV NSTGYL TEAE KFGDSFVFEG MLSEQVKTNI QQAVAAAPWW LPVKGANWRH PEGPD- STILH RPDHPLHVS WNDVAVYCTW AGKRLPTEAE WEYSCRGGLH NRLFPWGNKL QPKGQHYANI WQGEFPVTNT GEDGFQGTAP VDAFPNGYG LYNIVGNAWE TSDWWTVHH SVEETLNPKG PPSGKDRVKK GGSYMCHRSY CYRYRCAARS QNTPDSSASN LGFRCAADRL PTMD
Source	E.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	SUMF1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 2M UREA, 2mM DTT and 20% glycerol. Greater than 85% 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**