

Uroporphyrinogen III Synthase Human Recombinant

Item Number	rAP-1837
Synonyms	Uroporphyrinogen-III synthase, UROIIIIS, UROS, Hydroxymethylbilane hydrolyase [cyclizing], Uroporphyrinogen-III cosynthase.
Description	UROS produced in E.Coli is a single, non-glycosylated polypeptide chain containing 285 amino acids (1-265 a.a.) and having a molecular mass of 30.7kDa. UROS is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P10746
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MKVLLLKDAK EDDCGQDPYI RELGLYGLEA TLIPVLSFEF LSLPSF-SEKL SHPEDYGGGLI FTSPRAVEAA ELCLEQNNKT EVWERSLKEK WNAKSVYVVG NATASLVSKI GLDTEGETCG NAEKLAEYIC SRESSALPLL FPCGNLKRKI LPKALKDKGI AMESITVYQT VAHPGIQGNL NSYYSQQGVP ASITFFSPSG LTYSLKHIQE LSGDNIDQIK FAAIGPTTAR ALAAQGLPVS CTAESPTPQA LATGIRKALQ PHGCC.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. UROS Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Formulation and Purity	UROS protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl. Greater than 95.0% 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**