

Endosulfine Alpha Human Recombinant

Item Number	rAP-4451
Synonyms	ARPP-19e, Alpha endosulfine isoform 3, Alpha-endosulfine, ENSA, MGC4319, MGC8394, MGC78563.
Description	ENSA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 141 amino acids (1-121 a.a.) and having a molecular weight of 15.5kDa. The ENSA is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	O43768
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MSQKQEEENP AEETGEEKQD TQEKEGILPE RAEEAKLKAK YPSLGQKPGG SDFLMKRLQK GQKYFDSDGY NMAKAKMKNK QLPSAGPDKN LVTGDHIPTP QDLPQRKSSL VTSKLAGGQV E.
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	The Endosulfine Alpha protein solution contains 20mM Tris, pH-8, 1mM DTT and 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**