

Endothelin-2 Human Recombinant, His Tag

Item Number	rAP-2516
Synonyms	ET2, PPET2, Endothelin-2, ET-2, Preproendothelin-2, EDN2.
Description	EDN2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 177 amino acids (25-178 a.a.) and having a molecular mass of 19.9kDa. EDN2 is fused to a 23 amino acid His-tag at N-terminus.
Uniprot Accession Number	P20800
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSQAAATLE QPASSSHAQG THLRLRRCSC SSWLDKECVY FCHLDIIWVN TPEQTAPYGL GNPPRRRRRS LPRRCQCSSA RDPACATFCL RRPWTEAGAV PSRK- SPADVF QTGKTGATTG ELLQRLDIS TVKSLFAKRQ QEAMREPRST HSRWRKR.
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	EDN2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 85.0% 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**