

Proheparin-Binding EGF-like Growth Factor Human Recombinant, His

Item Number	rAP-2178
Synonyms	Proheparin-binding EGF-like growth factor, HBEGF, DTR, DTS, HEGFL, HB-EGF, Heparin-binding EGF-like growth factor, Diphtheria toxin receptor, DT-R, DTSF.
Description	HB-EGF His Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 109 amino acids (63-148) and having a molecular mass of 12.1kDa.HB-EGF His is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q99075
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSDLQEADL DLLRVTLSK PQALATPNKE EHGKRKKKGK GLGKKRDPCL RKYKDFCIHG ECKYVKELRA PSCICHPGYH GERCHGLSL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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 HB-EGF His solution (0. 5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 2mM DTT and 50% 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**