

Ghrelin Human Recombinant

Item Number	rAP-2552
Synonyms	Appetite-regulating hormone precursor, Growth hormone secretagogue, Growth hormone-releasing peptide, GHRP, Motilin-related peptide, M46 protein, Ghrelin, Obestatin, MTLRP.
Description	Ghrelin Human Recombinant contains 115 amino acids (24-117 a.a.) and a total molecular mass of 12.8 kDa. The GHRL is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UBU3
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSSFLSPEH QRVQQRKESK KPPAKLQPRA LAGWLRPEDG GQAEGAEDM EVRFNAPFDV GIKLSGVQYQ QHSQALGKFL QDILWEEAKE APADK.
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 Ghrelin protein solution contains 20mM Tris-HCl, pH-8 & 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**