

Energy Homeostasis Associated Human Recombinant

Item Number	rAP-3988
Synonyms	Adropin, Energy homeostasis-associated protein, ENHO, C9orf165, UNQ470.
Description	ENHO Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 34-76) containing 121 amino acids including extra 78 N-terminal amino acids. The total molecular mass is 13.05kDa (calculated).
Uniprot Accession Number	Q6UWT2
Amino Acid Sequence	MGGKSNGEKK YIVGFKQGFK SCAKKEDVIS EKGKGLQKCF KYVDAASATL NEKAVEELKK DPSVAYVEED KLFKALTCHSR SADVDLS ESSPNSSPGP CPEKAPPPQK PSHEGSYLLQ P.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	ENHO filtered (0.4 µm) and lyophilized from 0.5mg/ml in phosphate buffered saline. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. ENHO is not sterile! Please filter the product by an appropriate sterile filter before using i
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**