

Glycine Cleavage System Protein H Human Recombinant

Item Number	rAP-4509
Synonyms	Glycine cleavage system protein H (aminomethyl carrier), NKH, GCE, Lipoic acid-containing protein, Mitochondrial glycine cleavage system H-protein.
Description	GCSH Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 149 amino acids (48-173) and having a molecular mass of 16.4 kDa. GCSH is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P23434
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSM SVRKFT EKHEWVTTEN GIGTVGISNF AQEALGDVVY CSLPEVGTKL NKQDEFGALE SVKAAEELYS PLSGEVTEIN EALAENPGLV NKSCYEDGWL IKMTLS- NPSE LDELMSEEAY EKYIKSIEE
Source	E.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 GCSH solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.15M NaCl and 10% glycerol. Greater than 95% 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**