

## 32-3867: GCHFR Recombinant Protein

**Alternative Name :** GFRP,HsT16933,P35,GTP cyclohydrolase 1 feedback regulatory protein,GTP cyclohydrolase I feedback regulatory protein,p35,GCHFR

### Description

Source : Escherichia Coli. GCHFR Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 107 amino acids (1-84a.a) and having a molecular mass of 12.1kDa. GCHFR is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. GTP Cyclohydrolase I Feedback Regulator, also known as GCHFR, is a Protein coding gene which includes a homodimer. GCHFR binds and mediates tetrahydrobiopterin inhibition of GTP cyclohydrolase I. GCHFR also regulates phenylalanine metabolism in the liver and in the production of biogenic amine neurotransmitters and nitric oxide.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** GCHFR protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 40% glycerol and 1mM DTT.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMPYLLIS TQIRMEVGPT MVDGEQSDPE LMQHLGASKR  
RALGNNFYEY YVDDPPRIVL DKLERRGFRV LSMTGVGQTL VWCLHKE.

