

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 MVGDEQSDPE LMQHLGASKR
RALGNNFYEY YVDDPPRIVL DKLERRGFRV LSMTGVGQTL VWCLHKE.