

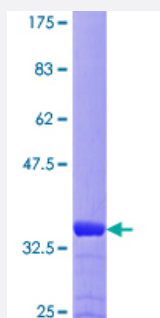
Full-Length

GCHFR (Human) Recombinant Protein (P01)

Catalog # H00002644-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GCHFR full-length ORF (NP_005249.1, 1 a.a. - 84 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPYLLISTQIRMEVGPTMVGDEQSDPELMQHLGASKRRALGNNFYEYYVDDPPRVLDKLERRGF RVLSMTGVGQTLVWCLHKE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.1
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GCHFR

Entrez GeneID [2644](#)

GeneBank Accession# [NM_005258.2](#)

Protein Accession# [NP_005249.1](#)

Gene Name GCHFR

Gene Alias GFRP, HsT16933, MGC138467, MGC138469, P35

Gene Description GTP cyclohydrolase I feedback regulator

Omim ID [602437](#)

Gene Ontology [Hyperlink](#)

Gene Summary GTP cyclohydrolase I feedback regulatory protein binds to and mediates tetrahydrobiopterin inhibition of GTP cyclohydrolase I. The regulatory protein, GCHFR, consists of a homodimer. It is postulated that GCHFR may play a role in regulating phenylalanine metabolism in the liver and in the production of biogenic amine neurotransmitters and nitric oxide. [provided by RefSeq]

Other Designations GTP cyclohydrolase I feedback regulatory protein

Disease

- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)