

Recombinant Human GCHFR Protein, GST-tagged

Cat. No. GCHFR-4796H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GCHFR full-length ORF (NP_005249.1, 1 a.a. - 84 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	36.1 kDa
AA Sequence	MPYLLISTQIRMEVGPTMVGDEQSDPELMQHLGASKRRALGNNFYEYYVDDPPRIV LDKLERRGFRVLSMTGVGQTLVWCLHKE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name GCHFR GTP cyclohydrolase I feedback regulator [Homo sapiens]

Official Symbol GCHFR

Synonyms GCHFR; GTP cyclohydrolase I feedback regulator; GTP cyclohydrolase I feedback regulatory protein; GTP cyclohydrolase 1 feedback regulatory protein; GFRP; HsT16933; P35; MGC138467; MGC138469;

Gene ID 2644

mRNA Refseq NM_005258

Protein Refseq NP_005249

MIM 602437

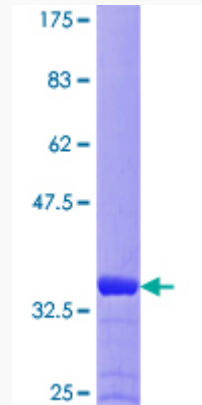
UniProt ID P30047

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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