Recombinant Full Length Human GCHFR Protein, GST-tagged

Cat. No. GCHFR-5171HF **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	In Vitro Cell Free System
ProteinLength	84 amino acids
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

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Notes	Best use within three months from the date of receipt of this protein.
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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