Recombinant Human GCHFR cell lysate

Cat. No. GCHFR-692HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

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;

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Gene ID	2644
mRNA Refseq	NM_005258
Protein Refseq	NP_005249
MIM	602437
UniProt ID	P30047
Chromosome Location	15q15
Pathway	Metabolism, organism-specific biosystem; Metabolism of nitric oxide, organism-specific biosystem; Tetrahydrobiopterin (BH4) synthesis, recycling, salvage and regulation, organism-specific biosystem; eNOS activation and regulation, organism-specific biosystem;
Function	GTP cyclohydrolase I binding; GTP-dependent protein binding; amino acid binding; enzyme inhibitor activity; protein binding;

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