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GCHFR Human

GTP Cyclohydrolase I Feedback Regulator Human Recombinant
RCP0901

Product Overview

Name	GCHFR Human

Description

GTP Cyclohydrolase I Feedback Regulator Human Recombinant

Accession (Primary)	P30047

Synonyms

GFRP, HsT16933, P35,GTP cyclohydrolase 1 feedback regulatory protein, GTP cyclohydrolase I feedback regulatory protein, p35, GCHFR

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

GCHFR protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 40% glycerol and 1mM DTT.

Stability

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MPYLLIS TQIRMEVGPT MVGDEQSDPE LMQHLGASKR RALGNNFYEY YVDDPPRIVL DKLERRGFRV LSMTGVGQTL VWCLHKE.

Precautions

GCHFR Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (P30047)