
Recombinant human CHAT protein, N-His

Catalog Number: bs-42433P

Concentration: >1mg/ml

Species: Human

AA Seq: 399-748/748

Predicted MW: 42.8 kDa

Tags: N-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Liquid

Storage: 20mM Tris-HCl (pH=8.0) with 8M Urea

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: This gene encodes an enzyme which catalyzes the biosynthesis of the neurotransmitter acetylcholine. This gene product is a characteristic feature of cholinergic neurons, and changes in these neurons may explain some of the symptoms of Alzheimer's disease. Polymorphisms in this gene have been associated with Alzheimer's disease and mild cognitive impairment. Mutations in this gene are associated with congenital myasthenic syndrome associated with episodic apnea. Multiple transcript variants encoding different isoforms have been found for this gene, and some of these variants have been shown to encode more than one isoform. [provided by RefSeq, May 2010].

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.