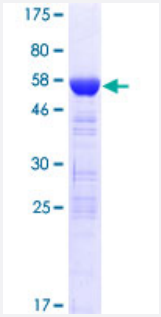
Full-Length

DOHH (Human) Recombinant Protein (P01)

Catalog # H00083475-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DOHH full-length ORF (NP_112594.1, 1 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVTEQEVDAIGQTLVDPKQPLQARFRALFTLRGLGGPGAIAWISQAFDDDSALLKHELAYCLGQM QDARAIPMLVDVLQDTRQEPMVRHEAGEALGAIGDPEVLEILKQYSSDPVIEVAETCQLAVRRLE WLQQHGGEPAAGPYLSVDPAPPAEERDVGRLREALLDESRPLFERYRAMFALRNAGGEEAALA LAEGLHCGSALFRHEVGYVLGQLQHEAAVPQLAAALARCTENPMVRHECAEALGAIARPACLAA LQAHADDPERVVRESCEVALDMYEHETGRAFQYADGLEQLRGAPS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	59.3
Interspecies Antigen Sequence	Mouse (85); Rat (83)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DOHH

Entrez GeneID	83475
GeneBank Accession#	NM_031304.2
Protein Accession#	NP_112594.1
Gene Name	DOHH
Gene Alias	HLRC1, MGC4293
Gene Description	deoxyhypusine hydroxylase/monooxygenase
Omim ID	611262
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a metalloenzyme that catalyzes the last step in the conversion of lysine to the u nique amino acid hypusine in eukaryotic initiation factor 5A. The encoded protein hydroxylates de oxyhypusine to form hypusine in the mature eukaryotic initiation factor 5A protein. Alternative splic ing results in multiple transcript variants
Other Designations	HEAT-like (PBS lyase) repeat containing 1