

Recombinant Full Length Human HAL Protein, GST-tagged

Cat. No. HAL-3451HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HAL full-length ORF (AAH96097.1, 1 a.a. - 657 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	657 amino acids
Description	Histidine ammonia-lyase is a cytosolic enzyme catalyzing the first reaction in histidine catabolism, the nonoxidative deamination of L-histidine to trans-urocanic acid. Histidine ammonia-lyase defects cause histidinemia which is characterized by increased histidine and histamine and decreased urocanic acid in body fluids [provided by RefSeq]
Molecular Mass	99.1 kDa
AA Sequence	MPRYTVHVRGEWLAVPCQDAQLTVGWLGREAVRRYIKNKP DNGGFTSVDDAHFLV RRCKGLGLLDNEDRLEVALENNEFVEVVIEGDAMSPDFIPSQPEGVYLYSKYREPEK YIELDGDRLTTEDLVNLGKG RYKIKLTPTAEKRVQKSREVIDSIIKEKTVVYGITTGFGK FARTVIPINKLQELQVNLVRSHSSGVGKPLSPERC RMLLALRINVLAKGYSGISLET LK QVIEMFNASCLPYVPEKGTVGASGDLAPLSHLALGLVGEGKMWSPKSGWADAKYV LEAHGLKPVILKPK EGLALINGTQMITS LGCEAVERASAIARQADIVAALTLEVLKGTT KAFDTDIHALRPHRGQIEVAFRFRSLDSDHHPSEIAESHRFCDRVQDAYTLRCCPQ VHGVVNDTIAFVKNIITTELNSATDNPMV FANRGETISGGNFHGEYPAKALDYLAIGIH

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ELAAISERRIERLCNPSLSELP AFLVAEGGLNSGFMIAHCTAAALVSENKALCHPSSV
 DSLSTSAATEDHVSMGGWAARKALRVIEHVEQVLAIELLAACQGIEFLRPLKTTTPLE
 KVYDLVRSVVRPWIKDRFMAPDIEAAHRLLEQKVWEVAAPYIEKYRMEHIPESRPL
 SPTAFSLQLHKKSTKIPESDL

Applications

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

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

Storage Store at -8 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 HAL histidine ammonia-lyase [Homo sapiens]

Official Symbol HAL

Synonyms HAL; histidine ammonia-lyase; HIS; histidase; HSTD;

Gene ID 3034

mRNA Refseq NM_001258333

Protein Refseq NP_001245262

MIM 609457

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UniProt ID

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