

## Product datasheet for **TP509814**

### Hal (NM\_010401) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse histidine ammonia lyase (Hal), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR209814 representing NM_010401
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MPRYTVHVRGEWLAVPCQDGKLTVGWLGREAVRRYMKNKPDNGGFTSVDEVQFLVHRCKGLGLLDNEDEL  
EVALEDNEFVEVVIEGDVMSPDFIPSQPEGVFLYSKYREPEKYIALDGDSLSTEDLVNLGKGRYKIKLTS  
IAEKVQQSREVIDSIKERTVYVYGITGFGKFARTVIPANKLQELQVNLVRSVSSGVGKPLSPERCRL  
LALRINVLAKGYSGISLETQVIEAFNASCLSYVPEKGTGASGDLAPLSHLALGLIGEGKMWSPKSGW  
ADAKYVLEAHGLKPIVLKPKKEGLALINGTQMITSLGCEALERASAIARQADIVAALTLEVLKGTTKAFDT  
DIHAVRPHRGQIEVAFRFRSLLSDHHPSEIAESHFRCDRVQDAYTLRCCPQVHGVDNTIAFVKDIIT  
ELNSATDNPMVFASRGETISGGNFHGEYPAKALDYLAIGVHELAAISERRIERLCNPSELPAFLVAEG  
GLNSGFMAHCTAAALVSESKALCHPSSVDSLSTSAATEDHVMGGAARKALRWEHVEQVLAIELLAA  
CQGIEFLRPLKTTTTPLEKYYDLVRSVVRPWIKDRFMAPDIEAAHRLLLDQKVVWAAPYIEKYRMEHIPE  
SRPLSPTAFSLESLRKNSATIPESDDL

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	72.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	<a href="#">NP_034531</a>
Locus ID:	15109
UniProt ID:	<a href="#">P35492</a> , <a href="#">B2RXW1</a> , <a href="#">Q8CE60</a>
RefSeq Size:	2758
Cytogenetics:	10 48.49 cM
RefSeq ORF:	1974
Synonyms:	his; hist; histidase; Hs; Hsd
Summary:	This gene encodes a member of the histidase protein family. The encoded protein is a cytosolic enzyme which catalyzes the first reaction in histidine catabolism. Defects in this protein cause histidinemia, which is characterized by increased histidine in blood, urine, and cerebrospinal fluid. [provided by RefSeq, Dec 2015]