

Recombinant Histidine Decarboxylase (HDC) Instruction Manual

SIPG789Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	32.5kDa
Accurate Molecular Mass	38kDa(Analysis of differences refer to the manual)
Residues & Tags	Tyr341~Ser597 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	9.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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YLRHANSGAA  
TDFMHWQIPL SRRFRSIKLW FVIRSFVKN LQAHVRHGTE MAKYFESLVR  
SDPSFEIPAK RHLGLVVFRL KGPNCLTESV LKEIAKAGQL FLIPATIQDK  
LIIRFTVTSQ FTTKEDILRD WHLIQEAANL VLSQHCTSQP SPRAKNVIPP  
PPGTRGLSLE SVSEGGDDPA QARKIIKQPG ASLARREGGS DLETMPDPFD  
DCFSEEAPNT TKHKLSSFLF SYLSVQNRK TTRSLSCNSV PMSAQKS
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

