

Histone H4 (H4) Recombinant Protein | H4 recombinant protein

Recombinant Histone H4 (H4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA148356	E.coli	Homo sapiens (Human), Mus musculus (Mouse), Rattus norvegicus (Rat), Cavia (Guinea pig), Rhesus monkey (Simian), Felis catus; Feline (Cat), Canis familiaris; Canine (Dog), Sus scrofa; Porcine (Pig), Bos taurus; Bovine (Cattle), Equus caballus; Equine (Ho	Western Blot, SDS-Page

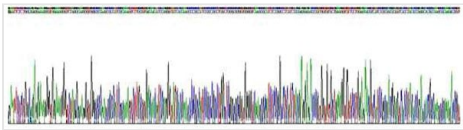
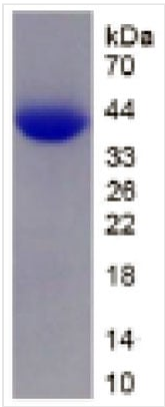
PRODUCT SYNONYMS

Histone H4 (H4); Recombinant Histone H4 (H4); H4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human), Mus musculus (Mouse), Rattus norvegicus (Rat), Cavia (Guinea pig), Rhesus monkey (Simian), Felis catus; Feline (Cat), Canis familiaris; Canine (Dog), Sus scrofa; Porcine (Pig), Bos taurus; Bovine (Cattle), Equus caballus; Equine (Ho
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Applicable Applications for H4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser2~Gly103
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted, Chromosome
Traits	Freeze-dried powder
Predicted isoelectric point	11.9
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

SGRGKGGKG LGKGGAKRHR KVLRDNIQGI TKPAIRRLAR RGGVKRISGL
IYEETRGLVK VFLENNVIRDA VTYTEHAKRK TVTANDVVYA LKRQGRITLYG
FGG

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for H4 recombinant protein	Signal transduction; Developmental science
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504323
NCBI GeneID	8370
NCBI GenBank Nucleotide #	NM_003548.2
Molecular Weight	Predicted Molecular Mass: 41.3kDa Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	histone H4
NCBI Official Synonym Full Names	histone cluster 2 H4 family member a
NCBI Official Symbol	HIST2H4A
NCBI Official Synonym Symbols	H4; H4/n; H4F2; H4FN; FO108; HIST2H4
NCBI Protein Information	histone H4
UniProt Protein Name	Histone H4
UniProt Gene Name	HIST1H4A
UniProt Synonym Gene Names	H4/A; H4FA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.