

High mobility group B protein 6 (HMGB6), Recombinant Protein

Cat RP05439

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

Species mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana High mobility group B protein 6 (HMGB6)

Product Gene Name

HMGB6 recombinant protein

Product Synonym Gene Name

HMGB6

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MATNADPAPT KKPRNSRKAL KQKNELVETP PSPVSVKGKS AKSFEQDLME MQTMLEKMKI EKDKTEELLK
EKDEILRKKE EELETRDAEQ EKLKVELKKL QKMKEFKPNM TFACGQSSLT QAEQEKANKK KKKDCPETKR
PSSSYVLWCK DQWTEVKKEN PEADFKETSN ILGAKWKSLS AEDKKPYEER YQVEKEAYLQ VIAKEKREKE
AMKLEDDQK QRTAMELLDQ YLNFVQAEQ DNKKKNKKEK DPLKPKHPVS AFLVYANERR AALREENKSV
VEVAKITGEE WKNLSDKKKA PYEKVAKKNK ETYLQAMEEY KRTKEEEALS QKKEEEELLK LHKQEALQML
KKKEKTDNLI KKEKATKKEK NENVDPNPKP KPASSYFLFS KDERKKLTEE RPGTNNATVT ALISLKWKEL
SEEEKQVYNG KAAKLMEAYK KEVEAYNKKS AATTSS

Sequence Positions

1-456, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

53,231 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

High mobility group B protein

NCBI Accession

NP_194111.1

NCBI GI

15236607

NCBI GenBank Nucleotide

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1

mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI GeneID

828480

NCBI Official Full Name

HMG (high mobility group) box protein

NCBI Official Symbol

3xHMG-box2

NCBI Official Synonym Symbols

3xHigh Mobility Group-box2

NCBI Protein Information

HMG (high mobility group) box protein

NCBI Summary

Encodes a protein containing three copies of the HMG (high mobility group)-box domain. The two Arabidopsis 3xHMG-box proteins are: AT4G11080 (3xHMG-box1) and AT4G23800 (3xHMG-box2). Interacts with mitotic and meiotic chromosomes.

UniProt Gene Name

HMGB6

UniProt Synonym Gene Names

NFD6; WRKY53; Nucleosome/chromatin assembly factor group D 6; AtWRKY53; WRKY DNA-binding protein 53

UniProt Protein Name

High mobility group B protein 6

UniProt Synonym Protein Names

Nucleosome/chromatin assembly factor group D 06; Nucleosome/chromatin assembly factor group D 6; WRKY transcription factor 53; AtWRKY53; WRKY DNA-binding protein 53

UniProt Primary Accession

Q9SUP7

UniProt Related Accession

Q9SUP7

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