Recombinant Human HDAC11 Protein (1-347 aa), GST-tagged

Cat. No. HDAC11-2123H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HDAC11 Protein (1-347 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-347 aa
Description	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes.
Form	Tris-based buffer,50% glycerol
Molecular Mass	66.2 kDa
AA Sequence	MLHTTQLYQHVPETRWPIVYSPRYNITFMGLEKLHPFDAGKWGKVINFLKEEKLLSD SMLVEAREASEEDLLVVHTRRYLNELKWSFAVATITEIPPVIFLPNFLVQRKVLRPLRT QTGGTIMAGKLAVERGWAINVGGGFHHCSSDRGGGFCAYADITLAIKFLFERVEGIS RATIIDLDAHQGNGHERDFMDDKRVYIMDVYNRHIYPGDRFAKQAIRRKVELEWGTE DDEYLDKVERNIKKSLQEHLPDVVVYNAGTDILEGDRLGGLSISPAGIVKRDELVFRM

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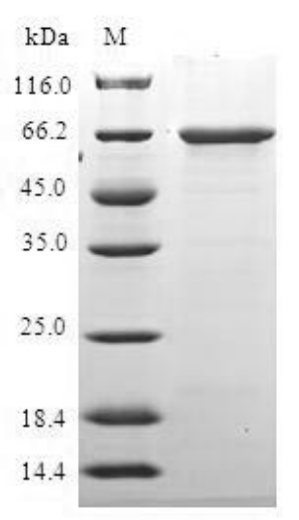
	VRGRRVPILMVTSGGYQKRTARIIADSILNLFGLGLIGPESPSVSAQNSDTPLLPPAVP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	HDAC11 histone deacetylase 11 [Homo sapiens]
Official Symbol	HDAC11
Synonyms	HDAC11; histone deacetylase 11; HD11; FLJ22237;
Gene ID	79885
mRNA Refseq	NM_001136041
Protein Refseq	NP_001129513
MIM	607226

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UniProt ID	Q96DB2



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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