

## Product datasheet for TP511715

### Hdac6 (BC041105) Mouse Recombinant Protein

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Recombinant Proteins  |
| Description:          | Purified recombinant protein of Mouse histone deacetylase 6 (cDNA clone MGC:46887 IMAGE:5352032), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species:              | Mouse   |
| Expression Host:      | HEK293T   |
| Expression cDNA       | >MR211715 representing BC041105   |
| Clone or AA Sequence: | Red=Cloning site Green=Tags(s)  |

MTSTGQDSSTRQRKSRHN PQSPLQESSATLKRGGKKCAVP HSSPNLAEVKKKGKMKKLSQPAEEDLVVGL  
 QGLDLNPETRVPGTGLVFDEQLNDFHCLWDDSPESP ER LHAIREQ LILEGLLGR CVSFQARFAEKEEL  
 MLVHSLEYIDL METTQYMNEGELRVLAETYDSVYLHPNSYSCACLATG SVLRLVDALMGAEIRNGMAVIR  
 PPGHHAQHNLMDGYCMFNHLAVAARYAQKKHRIQRVLIVDWDVHHGQGTQFIFDQDPSVLYFSIHRYEHG  
 RFWPHLKASNWSTIGFGQGQGYTINVPWNQTGM RDADYIAAFLHILLPVASEFQPQLVLAAGFDALHGD  
 PKSLQGEMAATPAGFAHLTHLLMGLAGGK LILSLEGGYNLRALAKGVSASLHTLLGDPCPMLESCVPCA  
 SAQTSIYCTLEALEPFWEVLERSVETQEEDVEE EAVLEEEEEEGGWEATALPMDTWPLLQNRTGLVYDEK  
 MMSHCNLWDNHHPETPQRILRIMCHLEEVGLAARCLILPARPALDSELLTCHSAEYVEHLRTEKMKTRD  
 LHREGANFDSIYICPSTFACAKLATGAACRLVEAVLSGEVLNGIAVVRPPGHHAEPNAACGFCFFNSVAV  
 AARHAQIIAGRALRILIVDWDVHHGNGTQHIFEDDPSVLYSLHRYDRGTFFPMGDEGASSQVGRDAGIG  
 FTVNVPWNGPRMGDADYLAAWHRLVLP IAYEFNPELV LISAGFDAAQGDPLGGCQVTPEGYAHLTHLLMG  
 LAGGRIILILEGGYNLASISESMAACTHSLLGDPPPQLTLRPPQSGALVSISEVIQVHRKYWRSRLMK  
 MEDKEECSSSRLVIKKLPPTASPVS AKEMTT PKGKVP EESVRKTIAALPGKESTLGQAKSKMAKAVLAQG  
 QSSEQAAGTTLDLATSKETVGGATDLWASAAAPENFPNQTT SVEALGETEPTPPASHTNKQTTGASPL  
 QGVTAQQSLQLGVLSTLELSREAE EAHDSEEGLLGEAAGGQDMNSLMLTQGF GDFNTQDVFYAVTPLSWC  
 PHLMAVCPIPAAGLDV SQPCKTCGTVQENWVCLTCYQVYCSRYVNAHMVCHHEASEHPLVLSCVDLSTWC  
 YVCQAYVHHEDLQDVKNAAHQNKFGEDMPHSH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

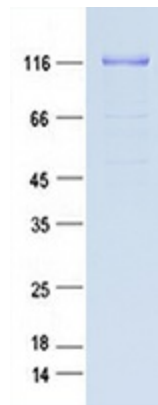
|                |   |
|----------------|---|
| Tag:           | C-MYC/DDK   |
| Predicted MW:  | 147.2 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method          |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining |



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|                      |  |
|----------------------|--|
| <b>Buffer:</b>       | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| <b>Note:</b>         | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |
| <b>Storage:</b>      | Store at -80°C after receiving vials.  |
| <b>Stability:</b>    | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| <b>Locus ID:</b>     | 15185  |
| <b>UniProt ID:</b>   | <a href="#">Q9Z2V5</a>   |
| <b>RefSeq Size:</b>  | 4016   |
| <b>Cytogenetics:</b> | X 3.58 cM  |
| <b>RefSeq ORF:</b>   | 3456   |
| <b>Synonyms:</b>     | Hdac5, mHDA2   |
| <b>Summary:</b>      | 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 (By similarity). Plays a central role in microtubule-dependent cell motility via deacetylation of tubulin.<br>[UniProtKB/Swiss-Prot Function] |

### Product images:



Purified recombinant protein Hdac6 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.