

## Product datasheet for TP518574

### H2-Ke6 (NM\_013543) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse H2-K region expressed gene 6 (H2-Ke6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR218574 representing NM\_013543  
Red=Cloning site Green=Tags(s)

MASQLRLRSALALVTGAGSGIGRAISVRLAAEGAAVAACDLGAAAQDTRVLLGSPGSEDGAPRGKHAAF  
QADVSQGPAARRLLEEVQACFSRPPSVVSCAGITRDEFLLHMSEEDWDRVI AVNLKGTFLVTQAAAQAL  
VSSGGRGSIINISSIIGKVGNIQTNYASSKAGVIGLTQTAARELGRHGIRCNSVLPGFATPMTQKMPE  
KVKDKVTAMIPLGHMGDPEDVADVVAFLASEDSGYITGASVEVSGGLFM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 26.6 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_038571](#)

**Locus ID:** 14979

**UniProt ID:** [P50171](#)

**RefSeq Size:** 981



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**Cytogenetics:** 17 17.98 cM

**RefSeq ORF:** 780

**Synonyms:** D17H6S112E; H-2Ke6; Hsd17b8; Ke-6; Ke6; Ring2

**Summary:** NAD-dependent 17-beta-hydroxysteroid dehydrogenase with highest activity towards estradiol. Has very low activity towards testosterone (PubMed:9712896). The heterotetramer with CBR4 has NADH-dependent 3-ketoacyl-acyl carrier protein reductase activity, and thereby plays a role in mitochondrial fatty acid biosynthesis. Within the heterotetramer, HSD17B8 binds NADH; CBR4 binds NADPD.[UniProtKB/Swiss-Prot Function]