

## Product datasheet for **TP312498M**

### Lymphocyte Antigen 6 Complex (LY6K) (NM\_017527) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human lymphocyte antigen 6 complex, locus K (LY6K), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone** >RC212498 protein sequence

**or AA Sequence:** **Red**=Cloning site **Green**=Tags(s)

MRLQRPRQAPAGGRRAPRGGRGSPYRPDPGRGARRLRRFQKGGEGAPRADPPWAPLGTMALLALLLVVAL  
PRVWTDANLTARQRPEDSQRTDEGDNRVWCHVCERENTFECQNPRRCKWTEPYCVIAAVKIFPRFFMVA  
KQCSAGCAAMERPKPEEKRFLLLEEMPFYKCKCKIRYCNLEGPPINSSVFKEYAGSMGESCGLWLAIL  
LLASIAAGLSLS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 18.5 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

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**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.

**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\\_059997](#)

**Locus ID:** 54742

**UniProt ID:** [Q17RY6](#)



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RefSeq Size: 1747

Cytogenetics: 8q24.3

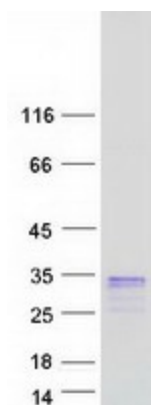
RefSeq ORF: 669

Synonyms: CT97; HSJ001348; ly-6K; URLC10

Summary: Required for sperm migration into the oviduct and male fertility by controlling binding of sperm to zona pellucida (By similarity). May play a role in cell growth (PubMed:18089789).  
[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

### Product images:



Coomassie blue staining of purified LY6K protein (Cat# [TP312498]). The protein was produced from HEK293T cells transfected with LY6K cDNA clone (Cat# [RC212498]) using MegaTran 2.0 (Cat# [TT210002]).