

Recombinant Full Length Human LY6K Protein, C-Flag-tagged

Cat. No. LY6K-230HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human LY6K Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	18.5 kDa
AA Sequence	MRLQRPRQAPAGGRRAPRGGRGSPYRPDPGRGARRLRRFQKGGEGAPRADPPW APLGTMALLALLLVVAL PRVWTDANLTARQRDPEDSQRTDEGDNRVWCHVCEREN TFECQNPRRCKWTEPYCVIAAVKIFPRFFMVA KQCSAGCAAMERPKPEEKRFLLEE PMPFFYLKCKIRYCNLEGPPINSSVFKEYAGSMGESCGGLWLAIL LLLASIAAGLSLSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

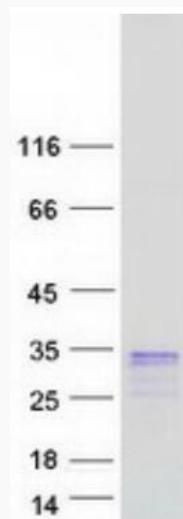
GENE INFORMATION

Gene Name	LY6K lymphocyte antigen 6 family member K [Homo sapiens (human)]
Official Symbol	LY6K
Synonyms	CT97; ly-6K; URLC10; HSJ001348
Gene ID	54742
mRNA Refseq	NM_017527.4
Protein Refseq	NP_059997.3
MIM	615093
UniProt ID	Q17RY6

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Coomassie blue staining of purified LY6K protein.

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