

## Recombinant Human XK cell lysate

Cat. No. XK-1936HCL    Lot. No. (See product label)

### SPECIFICATION

**Species** Human

**Description**

This locus controls the synthesis of the Kell blood group precursor substance (Kx). Mutations in this gene have been associated with McLeod syndrome, an X-linked, recessive disorder characterized by abnormalities in the neuromuscular and hematopoietic systems. The encoded protein has structural characteristics of prokaryotic and eukaryotic membrane transport proteins.

**Size** 100 ul

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Applications**

Western Blot;

### GENE INFORMATION

**Gene Name**

XK X-linked Kx blood group (McLeod syndrome) [ Homo sapiens ]

**Official Symbol**

XK

**Synonyms**

XK; X-linked Kx blood group (McLeod syndrome); Kell blood group precursor (McLeod phenotype) , XK, Kell blood group complex subunit (McLeod syndrome); membrane transport protein XK; Kx; Kx antigen; X1k; XKR1; XK-related protein 1; kell complex 37 kDa component; Kell blood group precursor (McLeod phenotype); XK,

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Kell blood group complex subunit (McLeod syndrome); KX; MCLDS;

**Gene ID** 7504

**mRNA Refseq** NM\_021083

**Protein Refseq** NP\_066569

**MIM** 314850

**UniProt ID** P51811

**Chromosome  
Location** Xp21.1

**Function** protein binding; transporter activity;

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