

Recombinant Human XK cell lysate

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

SPECIFICATION

Product Overview

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

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	complex 37 kDa component; Kell blood group precursor (McLeod phenotype); XK, 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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