

Proteoliposomes

Full-Length

XK (Human) Recombinant Protein

Catalog # H00007504-G01

Size 10 ug

Specification

Product Description

Human XK full-length ORF (AAH36019.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MKFPASVLASVFLFVAETTAALSLSSTYRSGGDRMWQALTLLFSLPCALVQLTLLFVHRDLSD
RPLVLLLHLLQLGPLFRCFEVFCIYFQSGNNEEPYVSITKKRQMPKNGLSEIEKEVGQAEGKLITH
RSAFSRASVIQAFGLGSAPQLTLQLYISVMQQDVTVGRSLLMTISLLSVYGALRCNILAIKIKYDEYEV
KVKPLAYVCIFLWRSFEIATRVVVLVLFSTVLKTWVVVILINFFSLFLYPWILFWCSGSPFPENIEKA
LSRVGTTIVLCFLTLLYTGINMFCWSAVQLKIDSPDLISKSHNWKYQLLVYYMIRFIENAILLLLWYLFKT
DIYMYVCAPLLVLQLLIGYCTAILFMLVFYQFFHPCKKLFSSSVSEGFQRWLRFCFCWACRQQKPC
EPIGKEDLQSSRDRDETPSSSKTSPEPGQFLNAEDLCSA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.3

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — XK

Entrez GeneID [7504](#)**GeneBank Accession#** [BC036019.1](#)**Protein Accession#** [AAH36019.1](#)**Gene Name** XK**Gene Alias** KX, X1k, XKR1**Gene Description** X-linked Kx blood group (McLeod syndrome)**Omim ID** [314850](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations Kell blood group precursor (McLeod phenotype)|Kx antigen|OTTHUMP00000031911|XK, Kell blood group complex subunit (McLeod syndrome)|XK-related protein 1|membrane transport protein XK