

Recombinant Full Length Human KIAA0319L Protein, GST-tagged

Cat. No. KIAA0319L-6785HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human KIAA0319L protein is produced by Wheat Germ expression system. This protein is fused with a GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	541 amino acids
Description	Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. This gene is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein. Two transcript variants encoding two different isoforms have been found for this gene, but only the longer variant encodes a functional transporter.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	142 kDa
AA Sequence	MEKRLGVKPNPASWILSGYYWQTSAKWLRSlyLFYTCFCFSVLWLSTDASESRCQ QGKTQFGVGLRSGGENHLWLLEGTPSLQSCLAACCQDSACHVFWWLEGMCIQAD CSRPQSCRAFRTTHSSNSMLVFLKKFQTADDLGFLPEDDVPHLLGLGWNWASWRQS

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PPRAALRPVSSSDQQSLIRKLQKRGSPSDVVTPIVTQHASKVNDNELGGLTTSGSA
 EVHKAITISSPLTTDLTAELSGGPKNVSVQPEISEGLATTPSTQQVKSSEKTQIAVPQP
 VAPSYSYATPTPQASFQSTSAPYPVIKELVVSAGESVQITLPKNEVQLNAYVLQEPPK
 GETYTYDWQLITHPRDYSGEMEGKHSQILKLSKLTPLGLYEFKVIVEGQNAHGEGYVN
 VTVKPEPRKNRPPIAIVSPQFQEISLPTTSTVIDGSQSTDDDKIVQYHWHEELKGPLRE
 EKISEDAILKLSKLVPGNYTFLSTVVDSGDATNSTTANLTVNKAVDYPPVANAGPNQ
 VITLPQNSITLFGNQSTDDHGITSYEWLSLSPSSKGKVVEMQGVRTPTLQLSAMQEGD
 YTYQLTVTDTIGQQATAQVTVIVQPENNKPPQADAGPDKELTLPVDSTTLDGSKSSD
 DQKIISYLWEKTQGPDGVQLENANSSVATVTGLQVGTYVFTLTVKDERNLQSQSSV
 NVIVKEEINKPPIAKITGNVVITLPTSTAELDGSKSSDDKGIVSYLWTRDEGSPAAGEV
 LNHSDDHPILFLSNLVEGTYTFHLKVTDAGGESDTRTTVEVKPDPRKNNLVEILDIN
 VSQTERLKGMFIRQIGVLLGVLDSDIIVQKIQPYTEQSTKMVFFVQNEPPHQIFKGHE
 VAAMLKSELRKQKADFLIFRALEVNTVTCQLNCSDHGHCDSTKRCICDPFWMENFI
 KVQLRDGDSNCEWSVLYVIATFVIVVALGILSWTVICCCQRQKGKPKRKSKYKILDAT
 DQESLELKPTSRAIKQKGLLLSSSLMHSESELDSDDAIFTWPDREKGLLHGQNGS
 VPNGQTPLKARSPREEIL

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

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

Storage

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

GENE INFORMATION

Gene Name

KIAA0319L KIAA0319-like [Homo sapiens]

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Official Symbol	KIAA0319L
Synonyms	KIAA0319L; KIAA0319-like; KIAA1837; polycystic kidney disease 1-related; FLJ44532;
Gene ID	79932
mRNA Refseq	NM_024874
Protein Refseq	NP_079150
MIM	613535
UniProt ID	Q8IZA0

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