

# Recombinant Full Length Human KIAA0319L Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full-length Human KIAA0319L protein is produced by Wheat Germ expression system. This protein is fused with a GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	541 amino acids
<b>Description</b>	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.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	142 kDa
<b>AA Sequence</b>	MEKRLGVKPNPASWILSGYYWQTSKWLRSLYLFYTCFCFSVLWLSTDASESRCQ QGKTQFGVGLRSGGENHLWLLEGTPSLQSCLAACCQDSACHVFWWLEGMCIQAD CSR PQSCRAFRT HSSNSMLVFLKKFQTADDLGFLPEDDVP HLLGLGWNWASWRQS

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PPRAALRPVSSSDQQSLIRKLQKRGSPSDVVTPIVTQHASKVNDSENLGGLTTSGSA  
 EVHKAITISSPLTTDLTAELSGGPKNVSVQPEISEGLATTPSTQQVKSSEKTQIAVPQP  
 VAPSYSYATPTPQASFAQSTSAPYPVIKELVVSAGESVQITLPKNEVQLNAYVLQEPPK  
 GETYTYDWQLITHPRDYSGEMEGKHSQILKLSKLTPLGLYEFKVVIVEGQNAHGEGYVN  
 VTVKPEPRKNRPPIAIVSPQFQEISLPTTSTVIDGSQSTDDDKIVQYHWHEELKGPLRE  
 EKISEDTAILKLSKLVPGNYTFLTVVDSGDATNSTTANLTVNKAVDYPPVANAGPNQ  
 VITLPQNSITLFGNQSTDDHGITSYEWLSLSPSSKGVVEMQGVRTPTLQLSAMQEGD  
 YTYQLTVTDITIGQQATAQVTVIVQPENNKPPQADAGPKELTLPVDSTTLDGSKSSD  
 DQKIISYLWEKTQGPDGVQLENANSSVATVTGLQVGTYVFTLTVKDERNLQSQSSV  
 NVIVKEEINKPPIAKITGNVVITLPTSTAELDGSKSSDDKIVSYLWTRDEGSPAAGEV  
 LNHSDDHHPILFLSNLVEGTYTFHLKVTDKAGESDTRTTVEVKPDRKNNLVEILDIN  
 VSQTERLKGMFIRQIGVLLGVLDSDIIVQKIQPYTEQSTKMFVQNEPPHQIFKGHE  
 VAAMLKSELRKQKADFLIFRALEVNTVTCQLNCSDHGHCDSTKRCICDPFWMENFI  
 KVQLRDGDSNCEWSVLYVIIATFVIVALGILSWTVICCCKRQKGGPKRKRKSKYKILDAT  
 DQESLELKPTS RAGIKQKGLLLSSSLMHSESELDSDDAIFTWPDREKGLLHGQNGS  
 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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<b>Official Symbol</b>	KIAA0319L
<b>Synonyms</b>	KIAA0319L; KIAA0319-like; KIAA1837; polycystic kidney disease 1-related; FLJ44532;
<b>Gene ID</b>	79932
<b>mRNA Refseq</b>	NM_024874
<b>Protein Refseq</b>	NP_079150
<b>MIM</b>	613535
<b>UniProt ID</b>	Q8IZA0

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