

## Recombinant Human KDELR3 293 Cell Lysate

Cat. No. KDELR3-4999HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Antigen standard for KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3 (KDELR3), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
<b>Components</b>	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
<b>Applications</b>	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil

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the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

## GENE INFORMATION

**Gene Name** [KDEL R3 KDEL \(Lys-Asp-Glu-Leu\) endoplasmic reticulum protein retention receptor 3 \[ Homo sapiens \]](#)

**Official Symbol** [KDEL R3](#)

**Synonyms** [KDEL R3](#); [KDEL \(Lys-Asp-Glu-Leu\) endoplasmic reticulum protein retention receptor 3](#); [ER lumen protein retaining receptor 3](#); [KDEL receptor 3](#); [KDEL endoplasmic reticulum protein retention receptor 3](#); [ERD2L3](#);

**Gene ID** [11015](#)

**mRNA Refseq** [NM\\_016657](#)

**Protein Refseq** [NP\\_057839](#)

**UniProt ID** [O43731](#)

**Chromosome Location** [22q13](#)

**Pathway** [Activation of Chaperone Genes by XBP1\(S\), organism-specific biosystem](#); [Activation of Chaperones by IRE1alpha, organism-specific biosystem](#); [Diabetes pathways, organism-specific biosystem](#); [Disease, organism-specific biosystem](#); [Unfolded Protein Response, organism-specific biosystem](#); [Vibrio cholerae infection, organism-specific biosystem](#); [Vibrio cholerae infection, conserved biosystem](#);

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**Function**

ER retention sequence binding; receptor activity;

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