Recombinant Human CAB39L 293 Cell Lysate

Cat. No. CAB39L-7911HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for calcium binding protein 39-like (CAB39L), transcript variant 1 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.
Components	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).
Size	0.1 mg
Storage Instruction	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.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil 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	CAB39L calcium binding protein 39-like [Homo sapiens]
Official Symbol	CAB39L
Synonyms	CAB39L; calcium binding protein 39-like; calcium-binding protein 39-like; bA103J18.3; FLJ12577; MO2L; MO25beta; antigen MLAA-34; mo25-like protein; U937-associated antigen; sarcoma antigen NY-SAR-79; MO25-BETA; RP11-103J18.3;
Gene ID	81617
mRNA Refseq	NM_001079670
Protein Refseq	NP_001073138
MIM	612175
UniProt ID	Q9H9S4
Chromosome Location	13q14.11
Pathway	Energy dependent regulation of mTOR by LKB1-AMPK, organism-specific biosystem; IRS-mediated signalling, organism-specific biosystem; IRS-related events, organism-specific biosystem; Insulin receptor signalling cascade, organism-specific biosystem; PI3K Cascade, organism-specific biosystem; PKB-mediated events, organism-

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	specific biosystem; Regulation of AMPK activity via LKB1, organism-specific biosystem;
Function	binding; protein serine/threonine kinase activity;

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