Recombinant Human EXOC5 293 Cell Lysate

Cat. No. EXOC5-6509HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for exocyst complex component 5 (EXOC5) 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.
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

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	mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	EXOC5 exocyst complex component 5 [Homo sapiens]
Official Symbol	EXOC5
Synonyms	EXOC5; exocyst complex component 5; SEC10 (S. cerevisiae) like 1 , SEC10 like 1 (S. cerevisiae) , SEC10L1; SEC10; SEC10P; SEC10-like 1; exocyst complex component Sec10; HSEC10; PRO1912; SEC10L1; DKFZp666H126;
Gene ID	10640
mRNA Refseq	NM_006544
Protein Refseq	NP_006535
MIM	604469
UniProt ID	O00471
Chromosome Location	14q22.3
Pathway	Arf6 trafficking events, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Insulin Pathway, organism-specific biosystem; Insulin Synthesis and Processing, organism-specific biosystem;
Function	protein N-terminus binding;

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