

Recombinant Human AP3S2 293 Cell Lysate

Cat. No. AP3S2-8807HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for adaptor-related protein complex 3, sigma 2 subunit (AP3S2) 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

AP3S2 adaptor-related protein complex 3, sigma 2 subunit [Homo sapiens]

Official Symbol

AP3S2

Synonyms

AP3S2; adaptor-related protein complex 3, sigma 2 subunit; AP-3 complex subunit sigma-2; sigma3b; sigma-3B-adaptin; sigma-adaptin 3b; adaptor complex sigma3B; AP-3 complex subunit sigma-3B; clathrin-associated/assembly/adaptor protein, small 4, 22-kD; AP3S3; FLJ35955;

Gene ID

10239

mRNA Refseq

NM_005829

Protein Refseq

NP_005820

MIM

602416

UniProt ID

P59780

Chromosome Location

15q26.1

Pathway

Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;

Function

protein transporter activity;

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