

Recombinant Human EYS 293 Cell Lysate

Cat. No. EYS-6489HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for eyes shut homolog (Drosophila) (EYS), transcript variant 3 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

EYS eyes shut homolog (Drosophila) [Homo sapiens]

Official Symbol

EYS

Synonyms

EYS; eyes shut homolog (Drosophila); C6orf178, C6orf179, C6orf180, chromosome 6 open reading frame 178 , chromosome 6 open reading frame 179 , chromosome 6 open reading frame 180 , EGF like domain, multiple 10 , EGF like domain, multiple 11 , EGFL10, EGFL11, retinitis pigmentosa 25 (autosomal recessive) , RP25; protein eyes shut homolog; bA74E24.1; bA166P24.2; bA307F22.3; dJ303F19.1; dJ1018A4.2; SPAM; protein spacemaker homolog; EGF-like-domain, multiple 10; EGF-like-domain, multiple 11; epidermal growth factor-like protein 10; epidermal growth factor-like protein 11; RP25; EGFL10; EGFL11; C6orf178; C6orf179; C6orf180; dJ22I17.2; KIAA0663;

Gene ID

346007

mRNA Refseq

NM_001142800

Protein Refseq

NP_001136272

MIM

612424

UniProt ID

Q5T1H1

Chromosome

6q12

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Location**Function**

calcium ion binding;

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