Recombinant Human STOX2 cell lysate

Cat. No. STOX2-48HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human STOX2 cell lysate was derived from Human HEK293T cell line.
Species	Human
Source	HEK293
Description	This gene encodes a Storkhead-box_winged-helix domain containing protein. This protein is differentially expressed in decidual tissue and may be involved in the susceptibility to pre-eclampsia with fetal growth restriction. Alternate splicing results in multiple transcript variants.
Form	1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer(25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4). 1 vial of 100 µg empty vector transfected control cell lysate in RIPA buffer. 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT).
Molecular Mass	102.7 kDa
Storage	The lysate is shipped with dry ice. Upon receiving, store the sample at -20 centigrade. Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20 centigrade for long term

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	storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name	STOX2 storkhead box 2 [Homo sapiens]
Official Symbol	STOX2
Synonyms	STOX2; storkhead-box protein 2
Gene ID	56977
mRNA Refseq	NM_020225.1
Protein Refseq	NP_064610.1
UniProt ID	Q9P2F5
Chromosome Location	4q35.1
Function	molecular_function;

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