

## Recombinant Human WNT5A 293 Cell Lysate

**Cat. No.** WNT5A-293HCL    **Lot. No.** (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Antigen standard for wingless-type MMTV integration site family, member 5A (WNT5A) 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.
<b>Components</b>	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).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	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.
<b>Applications</b>	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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

**Gene Name** [WNT5A wingless-type MMTV integration site family, member 5A \[ Homo sapiens \]](#)

**Official Symbol** [WNT5A](#)

**Synonyms** [WNT5A](#); [wingless-type MMTV integration site family, member 5A](#); [protein Wnt-5a](#); [hWNT5A](#); [WNT 5A protein](#); [WNT-5A protein](#);

**Gene ID** [7474](#)

**mRNA Refseq** [NM\\_001256105](#)

**Protein Refseq** [NP\\_001243034](#)

**MIM** [164975](#)

**UniProt ID** [P41221](#)

**Chromosome Location** [3p21-p14](#)

**Pathway** [Basal cell carcinoma, organism-specific biosystem](#); [Basal cell carcinoma, conserved biosystem](#); [Class B/2 \(Secretin family receptors\), organism-specific biosystem](#); [DNA damage response \(only ATM dependent\), organism-specific biosystem](#); [GPCR ligand binding, organism-specific biosystem](#); [HTLV-I infection, organism-specific biosystem](#); [HTLV-I infection, conserved biosystem](#);

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA