

Human CD82 Knockdown Cell Lysate

Cat. No. CD82-476HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CD82 Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
Description	This metastasis suppressor gene product is a membrane glycoprotein that is a member of the transmembrane 4 superfamily. Expression of this gene has been shown to be downregulated in tumor progression of human cancers and can be activated by p53 through a consensus binding sequence in the promoter. Its expression and that of p53 are strongly correlated, and the loss of expression of these two proteins is associated with poor survival for prostate cancer patients. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	30 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg CD82 KD HT-1080 cell lysate
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	p53 signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	CD82 CD82 molecule [Homo sapiens (human)]
Official Symbol	CD82
Synonyms	CD82; CD82 molecule; R2; 4F9; C33; IA4; ST6; GR15; KAI1; SAR2; TSPAN27;
Gene ID	3732
mRNA Refseq	NM_002231
Protein Refseq	NP_002222
MIM	600623
UniProt ID	P27701

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