

Recombinant Human CD82 Protein, GST-Tagged

Cat. No. CD82-0867H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CD82 full-length ORF (AAH00726, 1 a.a. - 267 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	55.11 kDa
AA Sequence	MGSACIKVTKYFLFLFNLIFFILGAVILGFGVWILADKSSFISVLQTSSSSLRMGAYVFI GVGAVTMLMGFLGCIGAVNEVRCLLGLYFAFLLLILIAQVTAGALFYFNMGKCLKQEM GGIVTELIRDYNSSREDSLQDAWDYVQAQVKCCGWVSFYNWTDNAELMNRPEVTY PCSCEVKGEEDNSLSVRKGFCEAPGNRTQSGNHPEDWPVYQEGCMEKVQAWLQ ENLGIIILGVGVGVAIVELLGMVLSICLCRHVHSEDYSKVPKY
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CD82 CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal [Homo sapiens])

Official Symbol CD82

Synonyms CD82; CD82 antigen (R2 leukocyte antigen, antigen detected; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal; R2; 4F9; C33; IA4; ST6; GR15; KAI1; SAR2; TSPAN27; CD82 antigen; C33 antigen; inducible membrane protein R2; kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4)); metastasis suppressor Kangai-1; tetraspanin-27; tspan-27

Gene ID 3732

mRNA Refseq NM_001024844

Protein Refseq NP_001020015

MIM 600623

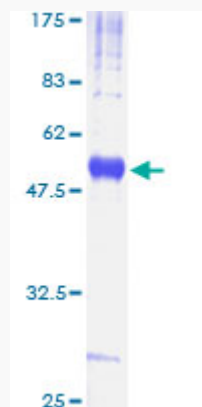
UniProt ID P27701

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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