

Recombinant Full Length Human CD82 Protein, GST-tagged

Cat. No. CD82-3070HF **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	In Vitro Cell Free System
ProteinLength	267 amino acids
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 GVGAVTMLMGFLGCIGAVNEVRCLLGLYFAFLLLILIAQVTAGALFYFNMGKLKQEM GGIVTELIRDYNSSREDSLQDAWDYVQAQVKCCGWVSFYNWTDNAELMNRPEVTY PCSCEVKGEEDNSLSVRKGFCEAPGNRTQSGNHPEDWPVYQEGCMEKVQAWLQ ENLGIIILGVGVGVAIVELLGMVLSICLCRHVHSEDYSKVPKY

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Applications	Enzyme-linked Immunoabsorbent Assay 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

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UniProt ID

P27701

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