Recombinant Human CD82 Protein (Gly111-Leu228), C-His tagged

Cat. No. CD82-3721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD82 (Gly111-Leu228) fused with the C-terminal His tag was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	Gly111-Leu228
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	Lyophilized powder/frozen liquid
Molecular Mass	12.98 kDa
Endotoxin	< 1.0 EU/μg of the protein as determined by the LAL method.

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Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

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; 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_002231
Protein Refseq	NP_002222

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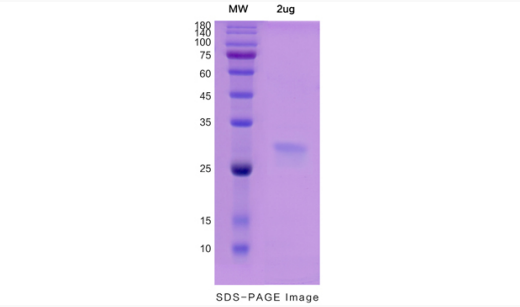
MIM	600623
UniProt ID	P27701
SDS-PAGE	

SDS-PAGE Image

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