

## CD82 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P72705
Synonyms:	CD82 antigen; C33 antigen; Tspan-27; CD82; KAI1; SAR2; ST6; TSPAN27
Species:	Human
Source:	HEK293
Accession:	P27701 (G103-Q225)
Gene ID:	3732
Molecular Weight:	40-60 kDa

### PROPERTIES

AA Sequence	<p>G A L F Y F N M G K    L K Q E M G G I V T    E L I R D Y N S S R    E D S L Q D A W D Y</p> <p>V Q A Q V K C C G W    V S F Y N W T D N A    E L M N R P E V T Y    P C S C E V K G E E</p> <p>D N S L S V R K G F    C E A P G N R T Q S    G N H P E D W P V Y    Q E G C M E K V Q A</p> <p>W L Q</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	As a critical participant in immune responses, CD82 associates with CD4 or CD8, delivering essential costimulatory signals within the TCR/CD3 pathway. Through direct interaction with IGSF8, CD82 plays a pivotal role in modulating immune functions and mediating cellular responses.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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