

CD82 Protein, Human (HEK293, His)

Cat. No.:	HY-P76812
Synonyms:	CD82 antigen; C33 antigen; Tspan-27; CD82; KAI1; SAR2; ST6; TSPAN27
Species:	Human
Source:	HEK293
Accession:	P27701 (G111-L228)
Gene ID:	3732
Molecular Weight:	25-33 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
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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