

## GPA33 Protein, Human (214a.a, HEK293, His)

Cat. No.:	HY-P70899
Synonyms:	Cell Surface A33 Antigen; Glycoprotein A33; GPA33
Species:	Human
Source:	HEK293
Accession:	Q99795 (I22-V235)
Gene ID:	10223
Molecular Weight:	34-37 kDa

### PROPERTIES

AA Sequence	<p>           I S V E T P Q D V L    R A S Q G K S V T L    P C T Y H T S T S S    R E G L I Q W D K L            L L T H T E R V V I    W P F S N K N Y I H    G E L Y K N R V S I    S N N A E Q S D A S            I T I D Q L T M A D    N G T Y E C S V S L    M S D L E G N T K S    R V R L L V L V P P            S K P E C G I E G E    T I I G N N I Q L T    C Q S K E G S P T P    Q Y S W K R Y N I L            N Q E Q P L A Q P A    S G Q P V S L K N I    S T D T S G Y Y I C    T S S N E E G T Q F            C N I T V A V R S P    S M N V         </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 1 mM EDTA, 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	<p>The GPA33 protein is implicated in potentially playing a role in cell-cell recognition and signaling, suggesting its involvement in fundamental cellular processes related to intercellular communication. The precise mechanisms by which GPA33 operates in cell-cell recognition and signaling remain areas of interest, underscoring its potential significance in mediating molecular interactions that contribute to cellular responses. The versatile nature of GPA33 in these processes highlights its potential role in coordinating cellular recognition events and modulating signaling cascades, emphasizing the need for further exploration to elucidate its specific functions and molecular mechanisms.</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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