

## CD40 Protein, Rat (HEK293, His)

Cat. No.:	HY-P74295
Synonyms:	Tumor Necrosis Factor Receptor Superfamily member 5; Bp50; CD40L Receptor; CDw40; TNFRSF5
Species:	Rat
Source:	HEK293
Accession:	Q4QQW2 (M1-R193)
Gene ID:	171369
Molecular Weight:	Approximately 28 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm 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/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.
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	CD40, also referred to as TNFR5, is a protein that exhibits deficiency in conserved residue(s) essential for feature annotation propagation. The specific residue(s) missing in CD40 prevent the propagation of certain functional characteristics associated with this protein. CD40 is a member of the tumor necrosis factor receptor (TNFR) superfamily and plays a crucial role in immune regulation and activation of various immune cells.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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