

CD44 Protein, Macaca fascicularis (HEK293, His)

Cat. No.:	HY-P700439
Synonyms:	CD44 Antigen; CDw44; Epican; Extracellular Matrix Receptor III; ECMR-III; GP90 Lymphocyte Homing/Adhesion Receptor; HUTCH-I; Heparan Sulfate Proteoglycan; Hermes Antigen; Hyaluronate Receptor; Phagocytic Glycoprotein 1; PGP-1; Phagocytic Glycoprotein I; PGP-I; CD44; LHR
Species:	Cynomolgus
Source:	HEK293
Accession:	A0A2K5VJE0 (Q21-E650)
Gene ID:	/
Molecular Weight:	71.6 kDa

PROPERTIES

AA Sequence

Q I D L N I T C R F	A G V F H V E K N G	R Y S I S R T E A A	D L C K A F N S T L
P T M A Q M E K A L	S V G F E T C R Y G	F I E G H V V I P R	I Q P N S I C A A N
H T G V Y I L T S N	T S Q Y D T Y C F N	A S A P P K E D C T	S V T D L P N A F D
G P I T I T I V N P	D G T R Y I K K G E	Y R T N P E D I Y P	S N P T D D D V S S
G S S S E R S S T S	G G Y I F H T F S T	A H P I P D E D G P	W I T D S T D R I P
A T T L M S T S A T	A T E T A T K R Q E	T Q D W F S W L F L	P S E S K N H L H T
T T Q M A G T S S N	T I S A G W E P N E	E N E D E R D R H L	S F S G S G I D D D
E D F I S S T I S T	T P R V F D H T K Q	N K D W T Q W N P S	H S N P E V L L Q T
T A R I T A D V D R	N G T T A H E G N W	N P E A H P P L I H	H E H H E E E E T P
H S T S T I Q A I P	S S T T E E T A T Q	K E Q W F G N R W H	E G Y L Q T P R E D
S H S T T G T A A A	S A L T S H P M Q G	R T T P S P E D S S	W T D F F D P I S H
P M G R G H Q A G R	R M D M D S S H S T	T L Q P T A D P N T	G L V E D L D R T G
P L S M T T K Q S N	S Q S F S T S H E G	L E E D K D H P T T	S T L T S S N R N D
V T G G R R D P N H	S E G S T T L L E G	Y T S H Y P D T K E	S R T F I P V T S A
K T G S F G V T E V	T V G D S N S N V N	H S L S G D Q D A F	Y P S G G S H T T H
G S E S A G H S H G	S Q E G G A N T T S	G P V R T P Q I P E	

Appearance Lyophilized powder.

Formulation Lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0

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 ddH₂O.

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

CD44 protein is characterized by a deficiency in the conserved residue(s) that are vital for propagating feature annotation. This deficient residue(s) in CD44 hampers the propagation of specific functional characteristics associated with this protein. CD44 is a cell surface glycoprotein that is involved in various cellular processes, including cell adhesion, migration, and signaling. It functions as a receptor for hyaluronic acid, a major component of the extracellular matrix, and is also involved in cell-cell interactions. The implications of the deficient residue(s) in CD44 on its function and its role in cellular processes require further investigation to gain a better understanding of its impact on cell adhesion and signaling mediated by CD44.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA