

CAM Protein, Human (HEK293, His)

Cat. No.:	HY-P7648
Synonyms:	rHuCAM, His; Basal cell adhesion molecule; Auberger B antigen; B-CAM cell surface glycoprotein; CD239; BCAM; Lutheran;
Species:	Human
Source:	HEK 293
Accession:	P50895 (E32-A547)
Gene ID:	4059
Molecular Weight:	72-85 kDa

PROPERTIES

AA Sequence

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

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Biological Activity Data is not available.

Appearance Lyophilized powder.

Formulation Lyophilized after extensive dialysis against 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 ddH₂O or PBS.

Storage & Stability Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping Room temperature in continental US; may vary elsewhere.

REFERENCES

- [1]. Yamato Kikkawa, et al. The Lutheran/basal cell adhesion molecule promotes tumor cell migration by modulating integrin-mediated cell attachment to laminin-511 protein. *J Biol Chem.* 2013 Oct 25;288(43):30990-1001.
- [2]. Kais Hussein, et al. Expression of adhesion factor CD239 in bone marrow cells in chronic myeloproliferative diseases. *J Thromb Thrombolysis.* 2009 Oct;28(3):299-303.
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Caution: Product has not been fully validated for medical applications. For research use only.

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