

ASAM/CLMP Protein, Human (HEK293, His)

Cat. No.:	HY-P7609
Synonyms:	rHuASAM/CLMP, His; CXADR-like membrane protein; CLMP; ACAM; ASAM
Species:	Human
Source:	HEK293
Accession:	Q9H6B4 (T19-M233)
Gene ID:	79827
Molecular Weight:	Approximately 35.0 kDa

PROPERTIES

AA Sequence	<p> T H T E I K R V A E E K V T L P C H H Q L G L P E K D T L D I E W L L T D N E G N Q K V V I T Y S S R H V Y N N L T E E Q K G R V A F A S N F L A G D A S L Q I E P L K P S D E G R Y T C K V K N S G R Y V W S H V I L K V L V R P S K P K C E L E G E L T E G S D L T L Q C E S S S G T E P I V Y Y W Q R I R E K E G E D E R L P P K S R I D Y N H P G R V L L Q N L T M S Y S G L Y Q C T A G N E A G K E S C V V R V T V Q Y V Q S I G M H H H H H H </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against 20 mM PB, 150 mM NaCl, pH 7.2.
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 ₂ 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	The Coxsackie and adenovirus receptor CXADR or CAR, also known as CAR-like membrane protein (CLMP) acts as a highaffinity receptor for the coxsackie B virus and adenovirus (Ad) serotypes 2 and 5 and belongs to the Junction Adhesion Molecule (JAM) family within the immunoglobulin (Ig) superfamily (IgSF) of proteins that localise in tightjunctions and along the lateral membrane of epithelial cells ^[1] .
-------------------	---

REFERENCES

[1]. Elena Ortiz-Zapater, et al. CAR: A key regulator of adhesion and inflammation. Int J Biochem Cell Biol. 2017 Aug;89:1-5.

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