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Datasheet for ABIN5855110

JAM2 Protein (AA 29-238) (hlgG-His-tag)

Overview

Quantity:	50 µg
Target:	JAM2
Protein Characteristics:	AA 29-238
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This JAM2 protein is labelled with hlgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPEYSNCGE NEYYNQTTGL CQECPPCGPG EEPYLSCGYG TKDEDYGCVP CPAEKFSKGG YQICRRHKDC EGFFRATVLT PGDMENDAEC GPCLPGYYML ENRPRNIYGM VCYSCLLAPP NTKECVGATS GASANFPGTS GSSTLSPFQH AHKELSGQGH LATAAAAFES RACSLEPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSV MHE ALHNHYTQKS LSLSPGKHHH HHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1µg of protein (determined by LAL method)

Target Details

Target:	JAM2
Alternative Name:	JAM2 (JAM2 Products)
Background:	EDAR, also known as tumor necrosis factor receptor superfamily member EDAR, is a single-pass type 1 transmembrane protein which is a member of TNF receptor superfamily. This protein was expressed reiteratively in signaling centers regulating key steps in morphogenesis. Also, it is a cell surface receptor for ectodysplasin A which plays an important role in the development of ectodermal tissues such as the skin. Also, defects in EDAR are a cause of ectodermal dysplasia anhidrotic (EDA), also known ectodermal dysplasia hypohidrotic autosomal recessive (HED). Ectodermal dysplasia defines a heterogeneous group of disorders due to abnormal development of two or more ectodermal structure. Recombinant human EDAR, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	45.6kDa (413aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_071731
UniProt:	Q9UNE0

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.