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Datasheet for ABIN7534953  
**ADAM8 Protein (His tag)**

### Overview

Quantity:	50 µg
Target:	ADAM8
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This ADAM8 protein is labelled with His tag.

### Product Details

Purpose:	Active Recombinant Human ADAM8/CD156a Protein
Sequence:	MRGLGLWLLG AMMLPAIAPS RPWALMEQYE VVLPWRLPGP RVRRALPSHL GLHPERVSYV LGATGHNFTL HLRKNRDLG SGYTETYTAA NGSEVTEQPR GQDHCFYQGH VEGYPDSAAS LSTCAGLRGF FQVGSDLHLI EPLDEGGEGG RHAVYQAEHL LQTAGTCGVS DDSLGSLGFP RTAAVFRPRP GDSLPSRETR YVELYVVVDN AEFQMLGSEA AVRHRVLEVV NHVDKLYQKL NFRVVLVGL EIWNSQDRFHV SPDPSVTLEN LLTWQARQRT RRHLHDNVQL ITGVDFGTGTT VGFARVSAMC SHSSGAVNQD HSKNPVGVAC TMAHEMGNHL GMDHENVQG CRCQERFEAG RCIMAGSIGS SFPRMFSDCS QAYLESFLER PQSVCLANAP DLSHLVGGPV CGNLFVERGE QCDCGPPEDC RNRCCNSTTC QLAEGAQCAH GTCCQECKVK PAGELCRPKK DMCDLEEFCD GRHPECPEDA FQENGT
Specificity:	Met1-Pro497
Purity:	> 95 % by SDS-PAGE.

## Product Details

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Sterility:	0.22 µm filtered
Endotoxin Level:	< 1.0 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its ability to cleave a fluorogenic peptide substrate Mca-PLAQAV-Dpa-RSSSR-NH <sub>2</sub> . The specific activity is >2 pmol/min/µg.

## Target Details

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Target:	ADAM8
Alternative Name:	ADAM8/CD156a ( <a href="#">ADAM8 Products</a> )
Background:	ADAM8,CD156,CD156a,MS2
Gene ID:	101
UniProt:	<a href="#">P78325</a>
Pathways:	<a href="#">Activation of Innate immune Response, M Phase</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of 50 mM Tris, 10 mM CaCl <sub>2</sub> , 150 mM NaCl, pH 7.5.
Storage:	-20 °C, -80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.