

Recombinant Human ADAM8/CD156a protein (His tag)

Catalog No. PDMH100073

Note: Centrifuge before opening to ensure complete recovery of vial contents.

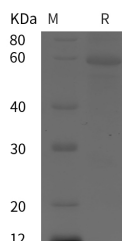
Description

Synonyms	Disintegrin and metalloproteinase domain-containing protein 8;ADAM 8;EC 3.4.24.;Cell surface antigen MS2;CD antigen CD156a;MS2
Species	Human
Expression Host	HEK293 Cells
Sequence	Met1-Ser653
Accession	P78325
Calculated Molecular Weight	71.7 kDa
Observed molecular weight	60 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis

Data



> 95 % as determined by reducing SDS-PAGE.

Background

For Research Use Only

ADAM8, also known as cell surface antigen MS2 or CD156a, is a member of the ADAM family that contains a disintegrin and metalloprotease-like domain. ADAM8 can cleave a variety of substrates and has been shown as a sheddase for the low affinity IgE receptor CD23 and the neural recognition molecule CHL1. Expression and regulation studies suggest that ADAM8 is a novel osteoclast stimulating factor and may play a role in asthma. It can be activated and assayed under the conditions described in the Activity Assay Protocol.