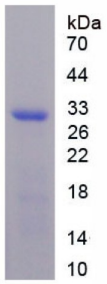
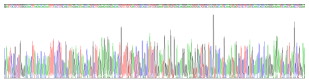
Mouse A Disintegrin And Metalloprotease 10 (ADAM10) Protein

Catalogue No.:abx652348



SDS-PAGE analysis of recombinant Mouse A Disintegrin And Metalloprotease 10 (ADAM10) Protein.



Gene sequencing extract of recombinant Mouse A Disintegrin And Metalloprotease 10 (ADAM10) Protein.

Mouse A Disintegrin And Metalloprotease 10 (ADAM10) Protein is a Recombinant Mouse protein expressed in E. coli.

Target:	A Disintegrin And Metalloprotease 10 (ADAM10)
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Not tested
Purity:	> 97%
Reconstitution:	Reconstitute in ddH_2O to a concentration between 0.1-0.5 mg/ml. Do not vortex.
Storage:	Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

UniProt Primary AC: O35598 (UniProt, ExPASy)

Gene Symbol: ADAM10

GeneID: 11487

KEGG: mmu:11487

Ensembl: ENSMUSG00000054693

String: 10090.ENSMUSP00000063839

Molecular Weight: Calculated MW: 26.2 kDa
Observed MW: 30 kDa
Possible reasons why the actual band size differs from the predicted band size:
1. Splice variants. Alternative splicing may create different sized proteins from the same gene.
2. Relative charge. The composition of amino acids may affect the charge of the protein.
3. Post-translational modification. Phosphorylation, glycoslyation, methylation etc. may affect the band size.
4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.
5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.

Sequence Fragment: Thr423-Asp650

Sequence: TSGDKLNN NKFSLCSIRN ISQVLEKKRN NCFVESGQPI CGNGMVEQGE ECDCGYSDQC KDDCCFDANQ PEGKKCKLKP GKQCSPSQGP CCTAQCAFKS KSEKCRDDSD CAKEGICNGF TALCPASDPK PNFTDCNRHT QVCINGQCAG SICEKYDLEE CTCASSDGKD DKELCHVCCM KKMAPSTCAS TGSLQWSKQF SGRTITLQPG SPCNDFRGYC DVFMRCRLVD

Tag: N-terminal His tag

Buffer: Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.

Concentration: Prior to lyophilization: 80 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com