



# Recombinant Human Disintegrin and metalloproteinase domain-containing protein 12 (ADAM12), partial

<b>Product Code</b>	CSB-EP001275HU1
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O43184
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	ETL KATKYVELVI VADNREFQRQ GKDLEKVKQR LIEIANHVDK FYRPLNIRIV LVGVEVWDM DKCSVSQDPF TSLHEFLDWR KMKLLPRKSH DNAQLVSGVY FQGTTIGMAP IMSMCTADQS GGIVMDHSDN PLGAAVTLAH ELGHNFGMNH DTLDRGCSCQ MAVEKGGCIM NASTGYPFPM VFSSCSRKDL ETSLEKGMGV CLFNLPEVRE SFGGQKCGNR FVEEGEECDC GEPEECMNRC CNATTCTLKP DAVCAHGLCC EDCQLKPAGT ACRDISSNSCD LPEFCTGASP HCPANVYLHD GHSCQDVDGY CYNGICQTHE QQCVTLWGPG AKPAPGICFE RVNSAGDPYG NCGKVS KSSF AKCEMRDAKC GKIQCQGGAS RPVIGTNAVS IETNIPLQQG GRILCRGTHV YLGDDMPDPG LVLAGTKCAD GKICLNRQCQ NISVFGVHEC AMQCHGRGVC NNRKNCHCEA HWAPPFCDKF GFGGSTDSGP IRQADNQG
<b>Source</b>	E.coli
<b>Target Names</b>	ADAM12
<b>Protein Names</b>	Recommended name: Disintegrin and metalloproteinase domain-containing protein 12 Short name= ADAM 12 EC= 3.4.24.-Alternative name(s): Meltrin-alpha
<b>Expression Region</b>	208-708
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Target Details</b>	This gene encodes a member of the ADAM (a disintegrin and metalloprotease) protein family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This gene has two alternatively spliced transcripts: a shorter secreted form and a longer membrane-bound form. The shorter form is found to stimulate myogenesis.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the



contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.