

TACE (TNF- α converting enzyme), human recombinant protein
Snake venom-like protease, TNF-alpha convertase, TNF-alpha-converting enzyme,
CD156b
Catalog # PBV11210r

Specification

TACE (TNF- α converting enzyme), human recombinant protein - Product info

Primary Accession [P78536](#)
Calculated MW **62 kDa** KDa

TACE (TNF- α converting enzyme), human recombinant protein - Additional Info

Gene ID **6868**
Gene Symbol **ADAM17**

Other Names

Disintegrin and metalloproteinase domain-containing protein 17, ADAM 17, Snake venom-like protease, TNF-alpha convertase, TNF-alpha-converting enzyme

Gene Source **Human**
Source **Insect cell**
Assay&Purity **SDS-PAGE; $\geq 90\%$**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**

Application Notes

With sterile deionized water at 0.1 μg protein/ μl .

Format

Lyophilized powder

Storage

-70°C; The untagged rh-TACE (TNF-alpha converting enzyme) is supplied as a lyophilized powder.

TACE (TNF- α converting enzyme), human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TACE (TNF- α converting enzyme), human recombinant protein - Images

TACE (TNF- α converting enzyme), human recombinant protein - Background

TACE (TNF-alpha converting enzyme, ADAM17) is a membrane-bound Metalloprotease from the ADAM (a disintegrin and Metalloprotease) family of proteins. It cleaves 26kDa type II membrane-bound precursor of TNF-a into 17 kDa mature form which is secreted. TACE is also known to process other membrane proteins including TNF receptor, TGF-alpha and amyloid protein precursor. Recombinant active untagged TACE amino acid sequence is from Arg215 to Asn651. The apparent molecular weight is bigger than the calculated MW due to the protein posttranslational modification in eukaryotic system.

TACE (TNF- α converting enzyme), human recombinant protein - References

Moss M.L.,et al.Nature 385:733-736(1997).
Black R.A.,et al.Nature 385:729-733(1997).
Patel I.R.,et al.J. Immunol. 160:4570-4579(1998).
Diaz-Rodriguez E.,et al.Mol. Biol. Cell 13:2031-2044(2002).
Thathiah A.,et al.J. Biol. Chem. 278:3386-3394(2003).