

# Recombinant Full Length *Xenopus laevis* Disintegrin And Metalloproteinase Domain-Containing Protein 22(Adam22) Protein, His-Tagged

**Cat. No.** RFL-5686XF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length <i>Xenopus laevis</i> Disintegrin and metalloproteinase domain-containing protein 22(adam22) Protein (O42596) (228-935aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | <i>Xenopus laevis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Full Length of Mature Protein (228-935)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | QTRRYPRNVEDETKYVELMIVNDHLMYKKHRLSVGHTNSYAKSVVNMAADLIYKEQL<br>NTRIVLVAMETWATDNKFSISENPLLTKEFMKYRRDFIKDKSDAVHLFSGSQLRVAA<br>VVLRILVEWCSLLKGGGVNEFGKPDVMAVTLAQSLAHNLGIFSDKKKLLSGECKCED<br>TWSGCIMGDIGYYLPSKFSVCNIEEYHEFLNNGGGACLFNKPLKLLDPPECNGGFVE<br>TGEECDGCTIAECAMEGEECKKCTLTQDSECSDDLCCSNCKFNPKEMLCREAVN<br>DCDIPETCTGNTSQCPANIHKLDGYSCESMQGLCFGGRCKTRDRQCKYIWGEKVS<br>AADRYCYEKLNIEGTEKGNCGRNKETWIQCNKQDVLGCGYLLCTNISNPRLGELDG<br>DVTSSSIVNQGKLYNCSGGHVKLDEDTDLGYVEDGTPCGTGMMCLEHRCLPIDSFN<br>FSTCLGSTNKICSGHGVCSNEVRCICDRFWTGEDCSSYLHYDHIKPEGDNRDEGVIS<br>TNIIIGAIAGTILVLALVLGITAWGYKNYRRERQIPQGDYVKKPGDADSFYSDLPPGVS |

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SNSASSSKKRSAILSHFQISACSI  
PHYSISQNLFCRRSNGLSHWSERIPDTKHVSD  
VCENGRPRSNSWQGNVTSSRKKLRGKRFRPRSNSTETLSPAKSPSSSTGSIASSR  
RYPYPMPPLPDEERKASKQSARLWETSI

**Purity** Greater than 90% as determined by SDS-PAGE.

**Applications** SDS-PAGE

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** 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.

## GENE INFORMATION

**Gene Name** adam22

**Synonyms** adam22; mdc11b; Disintegrin and metalloproteinase domain-containing protein 22; ADAM 22; MDC11.2; Metalloprotease-disintegrin MDC11b

**UniProt ID** [O42596](#)

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