

Specifications:

Gene:	hADAM2
Accession:	NP_001455.3
Insert size:	2221bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

hADAM-2 cDNA Plasmid

ADAM2 ADAM metallopeptidase domain 2 [*Homo sapiens* (human)]

Also known as: CT15; FTNB; PH30; CRYN1; CRYN2; PH-30b; PH30-beta

Summary:

ADAM-2 is a member of a disintegrin and metalloprotease (ADAM) family of endoproteases that play important roles in various biological processes including cell signaling, adhesion and migration. ADAM-2 is predominantly expressed in the epididymis, where it undergoes proteolytic processing to generate a mature, functional protein. Male mice lacking ADAM-2 are infertile and exhibit multiple defects in reproduction.



