

Proteoliposomes

Full-Length

ADORA3 (Human) Recombinant Protein

Catalog # H00000140-G01

Size 2 ug

Specification

Product Description

Human ADORA3 full-length ORF (NP_000668.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MPNNSTALSLANVTYITMEIFIGLCAMGNVLVICVVKLNPSLQTTTFYFVSLALADIAVGVLVMPLAIV
VSLGITIHFYSCLFMTCLLLIFTHASIMSLAIAVDRLRVKLTVRYKRVTTTHRRWLALGLCWLVVSFLV
GLTPMFGWNMMLTSEYHRNVTFLSCQFVSVMRMDYMVYFSFLTWIFIPLVVMCAIYLDIFYIIRNKLS
LNLSNSKETGAFYGREFKTAKSLFLVFLFALSWLPLSIINCIYFNGEVPQLVLYMGILLSHANSMM
NPVYAYKIKKFKETYLLILKACVVCHPSDSLDTSEKNSE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

36.2

Interspecies Antigen Sequence

Mouse (74)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — ADORA3

Entrez GeneID [140](#)

GeneBank Accession# [NM_000677.2](#)

Protein Accession# [NP_000668.1](#)

Gene Name ADORA3

Gene Alias A3AR, AD026, bA552M11.5

Gene Description adenosine A3 receptor

Omim ID [600445](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that belongs to the family of adenosine receptors, which are G-protein-coupled receptors that are involved in a variety of intracellular signaling pathways and physiological functions. The receptor encoded by this gene mediates a sustained cardioprotective function during cardiac ischemia, it is involved in the inhibition of neutrophil degranulation in neutrophil-mediated tissue injury, it has been implicated in both neuroprotective and neurodegenerative effects, and it may also mediate both cell proliferation and cell death. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000013476|OTTHUMP00000013739|OTTHUMP000000082917

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asthma](#)
- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Drug Toxicity](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Mental Disorders](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Tobacco Use Disorder](#)
- [Urticaria](#)