

Product Information

NativeExtract™ Human ADGRE3 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX317**

This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human ADGRE3 protein in native nanodisc form. The synthetic compound we developed can solubilize the ADGRE3 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

ADGRE3

Protein Length

Full length

Molecular Weight

72.6kDa

Sequence

Accession # [Q9BY15](#)

Product Description

Activity

Yes

Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems

HEK293 expression system

Tag

Flag tag at the C-terminus

Protein Format

Native Nanodisc

Form

Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -80°C.

Target**Target Protein**

ADGRE3

Full Name

Adhesion G protein-coupled receptor E3

Introduction

This gene encodes a member of the class B seven-span transmembrane (TM7) receptor family expressed predominantly by cells of the immune system. Family members are characterized by an extended extracellular region with a variable number of N-terminal epidermal growth factor (EGF)-like domains coupled to a TM7 domain via a mucin-like spacer domain. This gene is closely linked to the gene encoding egf-like molecule containing mucin-like hormone receptor 2 on chromosome 19. This protein may play a role in myeloid-myeloid interactions during immune and inflammatory responses. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

EMR3; EGF-like module receptor 3; EGF-like module-containing mucin-like hormone receptor-like 3; egf-like module containing, mucin-like, hormone receptor-like 3; egf-like module-containing mucin-like receptor 3; ADGRE3; Adhesion G protein-coupled receptor E3

Gene ID

[84658](#)

UniProt ID

[Q9BY15](#)