

PRODUCT DATA SHEET

COMPLEX

Complex Biotech Co., Ltd

CD93 Recombinant Protein

Catalog: BCP3456

Host: E.coli

Tag: His-tag

His-tag

BackGround:

The CD93 antigen is a 652 amino acid cell-surface glycoprotein expressed by monocytes, neutrophils, platelets, microglia, and endothelial cells. CD93 was originally thought to be a putative receptor for the complement component C1q, a serum glycoprotein which plays an integral role in the activation of the classical pathway in response to immune complexes. As a result, in the literature the CD93 gene product has also been referred to as C1QR1 and C1qRp as well as MXRA4 (matrix-remodeling-associated protein 4). Recent studies suggest that the CD93 antigen plays a role in intercellular adhesion and in clearance of apoptotic cells. CD93 is a heavily O-glycosylated, type I transmembrane protein consisting of an N-terminal domain with homology to C-type Lectin domains, a tandem array of EGF-like domains, a single transmembrane domain and a short cytoplasmic tail.

Product:

PBS, 4M Urea, PH7.4

Molecular Weight:

~62kDa

Swiss-Prot:

Q9NPY3

Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

Restriction Sites:

NdeI-XhoI

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Expression Vector:

pet-22b(+)

DATA:



Note:

For research use only, not for use in diagnostic procedure.