

CD44 Human

CD44 Human Recombinant
CDA0079

Product Overview

Name CD44 Human

Description

CD44 Human Recombinant

Accession (Primary) [P16070](#)

Synonyms

cd-44.

Source

Escherichia Coli.

Physical Appearance

Filtered White lyophilized (freeze-dried) powder.

Formulation

Each mg was lyophilized with 1xPBS, 0.4% SDS and 4mM DTT.

Stability

Store lyophilized CD44 at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

EETATQKEQWFGNRWHEGYRQTPREDSHSTTGTAASAHTSHPMQG
RTTPSPEDSSWTDFFNPISHPMGRGHQAGRRMDMDSSHSTTLQPTANP
NTGLVEDLDRTGPLSMTTQQSNSQSFSTSHGLEEDKDHPTTSTLTSSNRN
DVTGGRRDPNHSEGSTTLLEGYTSHPHTK

Solubility

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.

Background

CD44 is a cell-surface glycoprotein which take part in migration, cell-cell interactions and cell adhesion. CD44 is a receptor of hyaluronic acid which interacts with other ligands such as collagens, osteopontin and matrix metalloproteinases. CD44 has various of functions such as lymphocyte activation, tumor metastasis, recirculation & homing and hematopoiesis.

Precautions

CD44 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([P16070](#))
