

## 32-13111: CD55 Mouse

**Alternative Name :** Complement decay-accelerating factor, GPI-anchored, DAF-GPI, CD\_antigen: CD55.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

CD55 belongs to the RCA (regulators of complement activation) family characterized by 4-30 SCRs (short consensus repeats) in their plasma-exposed regions. CD55 is widely expressed in malignant tumors and nevertheless functions as an inhibitor of the complement system.

CD55 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 336 amino acids (35-362 a.a.) and having a molecular mass of 36.8kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**Content :** CD55 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** DCGPPPDIPN ARPILGRHSK FAEQSKVAYS CNNGFKQVPD KSNIVVCLEN GQWSSHETFC EKSCVAPERL SFASLKKEYL NMNFFPVGTI VEYECRPGFR KQPPLPGKAT CLEDLVWSPV AQFCKKKSCP NPKDLNNGHI NIPTGILFGS EINFSCNPGY RLVGVSSTFC SVTGNTVDWD DEFPVCTEIH CPEPPKINNG IMRGESDSYT YSQVVTYSCD KGFILVGNAS IYCTVSKSDV GQWSSPPPRC IEKSKVPTKK PTINVPSTGT PSTPQKPTTE SVPNPGDQPT PQKPSTVKVS ATQHVPVTKT TVRHPIRTST DKGEPNTGLE HHHHHH.