

DSC2/Desmocollin-2 Protein, Human (HEK293, His)

Cat. No.:	HY-P76301
Synonyms:	Cadherin family member 2; CDHF2; DSC3; Desmosomal glycoprotein II
Species:	Human
Source:	HEK293
Accession:	Q02487 (A28-R684)
Gene ID:	1824
Molecular Weight:	Approximately 85&100 kDa.

PROPERTIES

Appearance	Solution
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	DSC2/Desmocollin-2 protein is a critical component of intercellular desmosome junctions, playing a crucial role in facilitating cell-cell adhesion by mediating the interaction between plaque proteins and intermediate filaments. In addition to its adhesive function, DSC2 may also contribute to epidermal cell positioning by regulating the adhesiveness between cells expressing different isoforms. This protein interacts with DSP, PKP2, and JUP, further reinforcing the stability and integrity of these junctions. By participating in these molecular interactions, DSC2/Desmocollin-2 protein ensures the proper organization and functionality of tissues.
------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA