

## CLEC12A/MICL Protein, Human (HEK293, His)

Cat. No.:	HY-P76267
Synonyms:	C-type lectin domain family 12 member A; CLL-1; DCAL-2; MICL; CD371
Species:	Human
Source:	HEK293
Accession:	Q5QGZ9 (H75-A275)
Gene ID:	160364
Molecular Weight:	40-45 kDa.

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	CLEC12A/MICL (C-type lectin domain family 12 member A/Myeloid inhibitory C-type lectin-like receptor) is a cell surface receptor that functions as a regulator of signaling cascades, specifically facilitating the tyrosine phosphorylation of target MAP kinases. Through its interactions with PTPN6 and PTPN11, CLEC12A/MICL is implicated in intricate cellular signaling processes, suggesting its significance in modulating immune responses and potentially serving as a target for therapeutic interventions aimed at manipulating immune system function.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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