

HDFP949

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**Product Information**

<b>Product SKU:</b>	HDFP949	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	CELR1	<b>Tag:</b>	C-Flag&Strep Tag		

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**Additional Information**

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	Q9NYQ6
<b>Molecular Weight:</b>	The human full length CELR1-Strep protein has a MW of 329.5 kDa		

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**Protein Information**

**Background:** The protein encoded by this gene is a member of the flamingo subfamily, part of the cadherin superfamily. The flamingo subfamily consists of nonclassic-type cadherins; a subpopulation that does not interact with catenins. The flamingo cadherins are located at the plasma membrane and have nine cadherin domains, seven epidermal growth factor-like repeats and two laminin A G-type repeats in their ectodomain. They also have seven transmembrane domains, a characteristic unique to this subfamily. It is postulated that these proteins are receptors involved in contact-mediated communication, with cadherin domains acting as homophilic binding regions and the EGF-like domains involved in cell adhesion and receptor-ligand interactions. This particular member is a developmentally regulated, neural-specific gene which plays an unspecified role in early embryogenesis. [provided by RefSeq, Jul 2008]

**Synonyms:** ADGRC1, CDHF9, FMI2, HFMI2, LMPHM9, ME2

**Protein Description:** Human CELR1-Strep full length protein-synthetic nanodisc

**Formulation:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

<b>Protein Pathways:</b>	GPCRDB Other.
<b>Protein Families:</b>	Transmembrane, Druggable Genome.
<b>Usage:</b>	Research use only
<b>Storage &amp; Shipping:</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.