

## HDFP145

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### Product Information

<b>Product SKU:</b>	HDFP145	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	ILDR2	<b>Tag:</b>	C-Flag Tag		

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### Additional Information

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	Q71H61
<b>Molecular Weight:</b>	The human full length ILDR2 protein has a MW of 71.2 kDa		

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### Protein Information

**Background:** May be involved in ER stress pathways with effects on lipid homeostasis and insulin secretion. With ILDR1 and LSR, involved in the maintain of the epithelial barrier function through the recruitment of MARVELD2/tricellulin to tricellular tight junctions. Also functions as a B7-like protein family member expressed on immune cells and inflamed tissue and with T-cell inhibitory activity.

**Synonyms:** C1orf32;dJ782G3.1

**Protein Description:** Human ILDR2 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.

**Protein Pathways:** -

**Protein Families:** Transmembrane.

**Usage:** Research use only

**Storage & Shipping:** 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.

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