

**HDFP1066**

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## Product Information

<b>Product SKU:</b>	HDFP1066	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	LT4R2	<b>Tag:</b>	C-Flag&Strep Tag		

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## Additional Information

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	Q9NPC1
<b>Molecular Weight:</b>	The human full length LT4R2-Strep protein has a MW of 37.9 kDa		

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## Protein Information

**Background:** Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTB4 > 12-epi-LTB4 > LTB5 > LTB3.[UniProtKB/Swiss-Prot Function]

**Synonyms:** BLT2, BLTR2, JULF2, KPG\_004, LTB4-R 2, LTB4-R2, NOP9

**Protein Description:** Human LT4R2-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.

**Protein Pathways:** GPCRDB Other, Asthma, Autoimmune & Inflammatory Response.

**Protein Families:** GPCR, Transmembrane, Druggable Genome.

**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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