

HDFP456

Product Information

Product SKU:	HDFP456	Expression Host:	HEK293	Size:	10µg
Target:	SMO	Tag:	C-Flag Tag		

Additional Information

Conjugate:	Unconjugated	Uniprot ID:	Q99835
Molecular Weight:	The human full length SMO protein has a MW of 86.4kDa		

Protein Information

Background: The protein encoded by this gene is a G protein-coupled receptor that interacts with the patched protein, a receptor for hedgehog proteins. The encoded protein transduces signals to other proteins after activation by a hedgehog protein/patched protein complex. [provided by RefSeq, Jul 2010]

Synonyms: CRJS, FZD11, Gx, PHLS, SMOH

Protein Description: Human SMO 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, Hedgehog Netpath 10, Hedgehog Netpath 10, Apoptosis, Cancer, Notch.

Protein Families: ES Cell Differentiation/IPS , Transmembrane, Stem cell relevant signaling – DSL/Notch pathway, Druggable Genome.

Usage: Research use only

Contact Details | Dublin, Ireland

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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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