

Specifications:

Gene:	<i>hSMO</i>
Accession:	NP_005622
Insert size:	2377bp
Concentration:	10µg at 0.2µg/µL

hSmoothened cDNA Plasmid

SMO smoothened, frizzled class receptor [*Homo sapiens* (human)]

Also known as: Gx; CRJS; SMOH; FZD11

Summary:

SMO is a G protein-coupled receptor that interacts with the patched protein, a receptor for hedgehog proteins. It transduces signals to other proteins after activation by a hedgehog protein/patched protein complex.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping Ships at ambient temperature
Stability 1 year from date of receipt when stored at -20°C to -80°C
Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



