



Human SMO peptide (DAG-P1988)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the G-protein coupled receptor Fz/Smo family. Contains 1 FZ (frizzled) domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	SMO smoothened, frizzled class receptor [Homo sapiens (human)]
Official Symbol	SMO
Synonyms	SMO; smoothened, frizzled class receptor; Gx; SMOH; FZD11; smoothened homolog; protein Gx; frizzled family member 11; seven transmembrane helix receptor; smoothened, frizzled family receptor; smoothened, seven transmembrane spanning receptor;
Entrez Gene ID	6608
mRNA Refseq	NM_005631.4
Protein Refseq	NP_005622.1

UniProt ID	A4D1K5
Chromosome Location	7q32.3
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Other, organism-specific biosystem; Hedgehog Signaling Pathway, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Hedgehog signaling pathway, organism-specific biosystem; Hedgehog signaling pathway, conserved biosystem; I
Function	G-protein coupled receptor activity; PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding; drug binding; patched binding; protein binding;