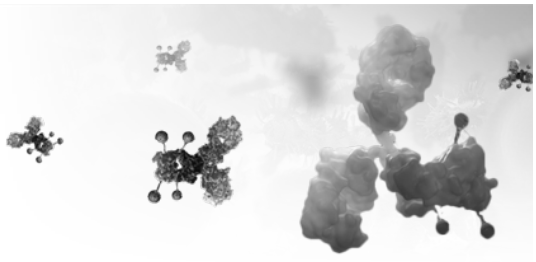

Human HTR1B peptide (DAG-P1332)

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

PRODUCT INFORMATION

Antigen Description	The neurotransmitter serotonin (5-hydroxytryptamine; 5-HT) exerts a wide variety of physiologic functions through a multiplicity of receptors and may be involved in human neuropsychiatric disorders such as anxiety, depression, or migraine. These receptors consist of several main groups subdivided into several distinct subtypes on the basis of their pharmacologic characteristics, coupling to intracellular second messengers, and distribution within the nervous system (Zifa and Fillion, 1992 [PubMed 1359584]). The serotonergic receptors belong to the multigene family of receptors coupled to guanine nucleotide-binding proteins.[supplied by OMIM, Oct 2009]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the G-protein coupled receptor 1 family.
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	HTR1B 5-hydroxytryptamine (serotonin) receptor 1B, G protein-coupled [Homo sapiens (human)]
Official Symbol	HTR1B
Synonyms	HTR1B; 5-hydroxytryptamine (serotonin) receptor 1B, G protein-coupled; S12; 5-HT1B; HTR1D2; HTR1DB; 5-HT1DB; 5-hydroxytryptamine receptor 1B; 5-HT-1B; 5-HT-1D-beta;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	serotonin receptor 1B; serotonin 1D beta receptor;
Entrez Gene ID	3351
mRNA Refseq	NM_000863.1
Protein Refseq	NP_000854.1
UniProt ID	P28222
Chromosome Location	6q13
Pathway	Amine ligand-binding receptors, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Monoamine GPCRs, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor in
Function	drug binding; serotonin binding; serotonin receptor activity;

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