Recombinant Human AVPR1A protein, GST-tagged

Cat. No. AVPR1A-1045H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AVPR1A partial ORF (NP_000697, 1 a.a. - 52 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene acts as receptor for arginine vasopressin. This receptor belongs to the subfamily of G-protein coupled receptors which includes AVPR1B, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor mediates cell contraction and proliferation, platelet aggregation, release of coagulation factor and glycogenolysis. [provided by RefSeq, Jul 2008]
Molecular Mass	31.46 kDa
AA Sequence	MRLSAGPDAGPSGNSSPWWPLATGAGNTSREAEALGEGNGPPRDVRNEELAK
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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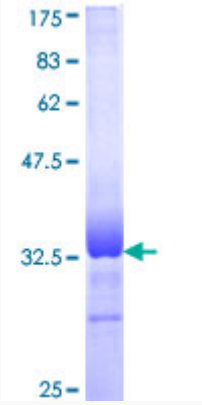
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	AVPR1A arginine vasopressin receptor 1A [Homo sapiens]
Official Symbol	AVPR1A
Synonyms	AVPR1A; arginine vasopressin receptor 1A; AVPR1; vasopressin V1a receptor; V1aR; AVPR V1a; V1a vasopressin receptor; antidiuretic hormone receptor 1A; SCCL vasopressin subtype 1a receptor; V1-vascular vasopressin receptor AVPR1A; vascular/hepatic-type arginine vasopressin receptor;
Gene ID	552
mRNA Refseq	NM_000706
Protein Refseq	NP_000697
MIM	600821
UniProt ID	P37288



12.5% SDS-PAGE Stained with Coomassie Blue.

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