

## Recombinant Human TPH2 lysate

Cat. No. TPH2-699HCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Molecular Mass</b>	60056.77Da
<b>Recommended Usage</b>	WB
<b>Storage Instruction</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	TPH2 tryptophan hydroxylase 2 [ Homo sapiens ]
<b>Official Symbol</b>	TPH2
<b>Synonyms</b>	TPH2; tryptophan hydroxylase 2; tryptophan 5-hydroxylase 2; FLJ37295; NTPH; tryptophan 5-monoxygenase 2; neuronal tryptophan hydroxylase; ADHD7; MGC138871; MGC138872;
<b>Gene ID</b>	121278

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<b>mRNA Refseq</b>	NM_173353
<b>Protein Refseq</b>	NP_775489
<b>MIM</b>	607478
<b>UniProt ID</b>	Q8IWU9
<b>Chromosome Location</b>	12q15
<b>Pathway</b>	Amine-derived hormones, organism-specific biosystem; Melatonin biosynthesis, tryptophan =>serotonin => melatonin, organism-specific biosystem; Melatonin biosynthesis, tryptophan => serotonin => melatonin, conserved biosystem;
<b>Function</b>	amino acid binding; iron ion binding; metal ion binding; tryptophan 5-monooxygenase activity;

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