



Recombinant Human BDNF (DAG-WT2245)

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

PRODUCT INFORMATION

| | |
|-------------------------|---------------------------------|
| Species | Human |
| Purity | > 95% as determined by SDS-PAGE |
| Conjugate | N/A |
| Applications | Immunoassays |
| Molecular Weight | 13 kDa |
| Format | Liquid |
| Size | 50 µg, 500 µg, 1 mg |
| Buffer | 20mM PB, 250mM NaCl, pH 7.2 |
| Preservative | None |
| Storage | Store at -20°C |

BACKGROUND

| | |
|---------------------|---|
| Introduction | During development, promotes the survival and differentiation of selected neuronal populations of the peripheral and central nervous systems. Participates in axonal growth, pathfinding and in the modulation of dendritic growth and morphology. Major regulator of synaptic transmission and plasticity at adult synapses in many regions of the CNS. The versatility of BDNF is emphasized by its contribution to a range of adaptive neuronal responses including long-term potentiation (LTP), long-term depression (LTD), certain forms of short-term synaptic plasticity, as well as homeostatic regulation of intrinsic neuronal excitability. |
| Keywords | Brain-derived neurotrophic factor; BDNF |

GENE INFORMATION

| | |
|------------|--------|
| UniProt ID | P23560 |
|------------|--------|
