



1. gated channel activity
2. neuropeptide receptor activity
3. neurotransmitter receptor activity
4. potassium ion transmembrane transporter activity
5. tubulin binding
6. microtubule motor activity
7. neurotransmitter binding
8. peptide hormone binding
9. calcium-dependent phospholipid binding

10. inositol 1,4,5 trisphosphate binding
11. 3',5'-cyclic-nucleotide phosphodiesterase activity
12. NAD<sup>+</sup>-protein ADP-ribosyltransferase activity
13. heparin binding
14. ammonium ion binding
15. serotonin binding
16. cAMP binding
17. small molecule sensor activity