

Membrane protein detection system, 8/13:88

Dualsystems Biotech's DualMembrane system detects novel interaction partners for membrane proteins and can be used to detect pairwise protein interactions, identify novel protein interactions by cDNA library screening, investigate ternary complexes, and map interaction domains. The system is available as a kit or custom screening service.

The DualMembrane system detects interactions between integral membrane proteins and receptor subunits and co-receptors as well as membrane-associated proteins and soluble proteins. The system is based on the properties of ubiquitin, a small protein modifier that is conserved in all eukaryotes and plays a primary role in protein degradation.

The DualMembrane kit screens full-length integral membrane proteins for interactions in vivo under the physiological conditions at the membrane, with novel interactions identified through screening of cDNA libraries. The range of available cDNA libraries has been broadened to screen human tissues, animal tissues, plant cells, and microorganisms.

[Dualsystems Biotech](#), 855-753-0222