

# Recombinant Dopamine Receptor D2 (DRD2) Instruction Manual

**SIPA848Hu02**

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Membrane
<b>Predicted Molecular Mass</b>	51.2kDa
<b>Accurate Molecular Mass</b>	51kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Val200~Ile384 with N-terminal His and GST Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	11.6
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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PFIVTLLVYI KIIYIVLRRRR KRVNTRKSSR AFRAHLRAPL KGNCTHPEDM  
KLCTVIMKSN GSFPVNRVV EAARRAQELE MEMLSSTSP ERTRYSPIPP  
SHHQLTLPDP SHHGLHSTPD SPAKPEKNGH AKDHPKIAKI FEIQTMPNGK  
TRTSLKTMSR RKLSQQKEKK ATQMLAIVLG VFII
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## USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

