OCT 16, 2023

OPEN ACCESS

DOI:
dx.doi.org/10.17504/protocols.io.36wgqj2xxvk5/v1

Protocol Citation: minghao chen, Xuefeng Ren 2023. GST pull down assay. **protocols.io** https://dx.doi.org/10.17504/protocols.io.36wgqj2xxvk5/v1

Protocol status: Working
We use this protocol and it's working

Created: Jun 05, 2023

Last Modified: Oct 16, 2023

GST pull down assay

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ABSTRACT

GST pull down assay

PROTOCOL integer ID:
82918

Keywords: ASAPCRN

Funders Acknowledgement:
Aligning Science Across Parkinson's (ASAP) initiative
Grant ID: ASAP-000350

1 Mix the GST tagged protein and fluorescent protein with 30 µl Glutathione Sepharose beads (Cytiva) at final 1 µM concentration in the buffer of 25 mM HEPES at pH 7.5, 150 mM NaCl, 1 mM MgCl2 and 1 mM TCEP. The total volume is 200 µl.

2 Rocking at 4 °C Overnight

3 Wash the beads four times, then eluted in 50 µl of buffer with 25 mM glutathione

4 Mix 18 µl eluent in lithium dodecylsulfate (LDS)/BME buffer and subjected to SDS/PAGE gel without heating samples. The gel was scanned at 488 or 550 nm in ChemiDoc MP imaging system (Bio-Rad).