

Recombinant Mouse **Gid4** Protein, Myc/DDK-tagged

Cat. No. Gid4-3205M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length GID complex subunit 4, VID24 homolog (Gid4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Substrate-recognition subunit of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1. Binds proteins and peptides with a Pro/N-degron consisting of an unmodified N-terminal Pro followed by a small residue, and has the highest affinity for the peptide Pro-Gly-Leu-Trp. Binds peptides with an N-terminal sequence of the type Pro-[Ala,Gly]-[Leu,Met,Gln,Ser,Tyr]-[Glu,Gly,His,Ser,Val,Trp,Tyr]. Does not bind peptides with an acetylated N-terminal Pro residue.
Molecular Mass	24.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Gid4 GID complex subunit 4, VID24 homolog \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Gid4](#)

Synonyms [Gid4](#); [GID complex subunit 4, VID24 homolog](#); [4933439F18Rik](#); [glucose-induced degradation protein 4 homolog](#); [vacuolar import and degradation protein 24 homolog](#)

Gene ID [66771](#)

mRNA Refseq [NM_025757](#)

Protein Refseq [NP_080033](#)

UniProt ID [Q9CPY6](#)

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