



# Recombinant Mouse Glutamate decarboxylase 2 (Gad2)

<b>Product Code</b>	CSB-EP009160MO
<b>Relevance</b>	Catalyzes the production of GABA.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P48320
<b>Alias</b>	65 kDa glutamic acid decarboxylase ;GAD-65Glutamate decarboxylase 65 kDa isoform
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MASPGSGFWSFGSEDGSADPENPGTARAWCQVAQKFTGGIGNKLCALLYGD SGKPAEGGGSVTSRAATGKVACTCDQKPCNCPKGDVNYAFLHATDLLPACD GERPTLAFLQDVMNILLQYVVKSFDRSTKVIDFHYPNELLQEYNWELADQPQN LEEILTHCQTTLKYAIKTGHPRYFNQLSTGLDMVGLAADWLTSTANTNMFTYEI APVFLLEYVTLKMKREIIGWPGGSGDGFSPGGAISNMYAMLIARYKMFPEVK EKGMAAVPRLIAFTSEHSHFSLKKGAAALGIGTDSVILIKCDERGMIPSDLERR ILEVKQKGFVPLVSATAGTTVYGAFDPLLAVADICKKYKIWMHVDAAWGGGL LMSRKHKWKLSGVERANSVTWNPBKMMGVPLQCSALLVREEGLMQSCNQM HASYLFQQDKHYDLSYDTGDKALQCGRHVDVFKLWLMWRAKGTTFEAIHID KCLELAEYLYTIKNREGYEMVFDGKPKQHTNVCFWFVPPSLRTLEDNEERMSR LSKVAPVIKARMMEYGTMMVSYQPLGDKVNFVRMVISNPAATHQDIDFLIEEIE RLGQDL
<b>Lead Time</b>	Delivery time may differ from different purchasing way or location, please kindly consult your local distributors for specific delivery time.
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Gene Names</b>	Gad2
<b>Expression Region</b>	1-585aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	69.2kDa
<b>Protein Description</b>	Full Length

