



Recombinant Rat DLG3 Protein Product Manual

1. Product Basic Information

Product No.: REP06680

Protein Name: DLG3

Aliases: MRX; XLMR; MRX90; NEDLG; SAP102; XLID90; PPP1R82;
neuroendocrine-DLG

UniProt ID: Q92796

UniProt Link: <https://www.uniprot.org/uniprotkb/Q92796/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: E.coli

Protein Length: Full Length (1-849aaaa)

Molecular Weight: 120.5kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-849aaaa)

MHKHQHCCKCPECYEVTRLAALRRLEPPGYGDWQVPDPYGPSSGNGASSGYGG
YSSQTLPSQAGATPTPRTKAKLIPTGRDVGVPVPPKVPVGKNTPKLNGSGPSWWPE
CTCTNRDWYEQASPAPLLVNPEALEPSLSVNGSDGMFKYEEIVLERGNSGLGFSIA
GGIDNPHVPDDPGIFITKIIPGGAAAMDGRLGVNDCVLRVNEVDVSEVVHSRAVEAL
KEAGPVVRLVVRRRQPPPETIMEVNLLKGPKGLGFSIAGGIGNQHIPGDNSIYITKIE
GGAAQKDGRLLQIGDRLLAVNNTNLQDVRHEEAVASLKNTSDMVYLKVAKPGSLHL
NDMYAPPDYASTFTALADNHISHNSSLGYLGAVESKVTYPAPPQVPTRYSPIPRH
MLAEEDFTREPRKIILHKGSTGLGFNIVGGEDGEGIFVSFILAGGPADLSGELRRGDR
ILSVNGVNLRNATHEQAAAALKRAGQSVTIVAQYRPEEYSRFESKIHDLREQMMNS
SMSSGSGSLRTSEKRSLYVRALFDYDRTRDSCLPSSQGLSFSYGDIHVINASDDEW
WQARLVTPHGESEQIGVIPSKKRVEKKERARLKTVKFHARTGMIESNRDFPGLSDD
YYGAKNLKGVTSTNTSDSESSSKGQEDAILYEPVTRQEIHYPVILGPMKDRVND
DLISEFPHKFGSCVPHTTRPRRDNEVDGQDYHFVVSREQMEKDIQDNKFIEAGQFN
DNLYGTSIQSVRAVAERGKHCILDVSGNAIKRLQQAQLYPIAIFIKPKSIEALMEMNRR
QTYEQANKIFDKAMKLEQEFGEYFTAIVQGDSLEEIYNKIKQIIEDQSGHYIWWPSPE
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3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Rat DLG3 full length protein (1-849aaaa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. DLG3, also known as MRX or XLMR or MRX90, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.