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Datasheet for ABIN2726662 MYL12B Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Overview

Image

| Overview | |
|-------------------------------|--|
| Quantity: | 20 µg |
| Target: | MYL12B |
| Protein Characteristics: | Transcript Variant 2 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MYL12B protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |
| Product Details | |
| Characteristics: | Recombinant human MYL12B (transcript variant 2) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |
| Target Details | |
| Target: | MYL12B |
| Alternative Name: | Myl12b (MYL12B Products) |
| Background: | The activity of nonmuscle myosin II (see MYH9 MIM 160775) is regulated by phosphorylation of a regulatory light chain, such as MRLC2. This phosphorylation results in higher MgATPase activity and the assembly of myosin II filaments (Iwasaki et al., 2001 [PubMed 11942626]).[supplied by OMIM, Mar 2008]. |
| | |

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| Target Details | | |
|-------------------|-------------------|--|
| Molecular Weight: | 19.6 kDa | |
| NCBI Accession: | NP_291024 | |
| Pathways: | Feeding Behaviour | |

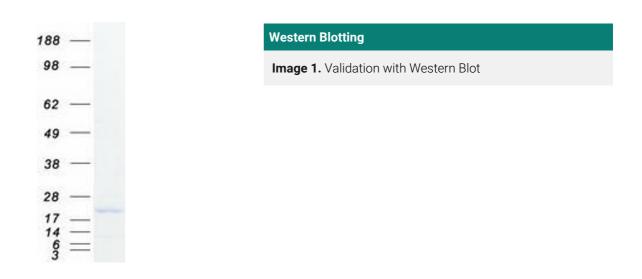
Application Details

| Application Notes: | Recombinant human proteins can be used for: |
|--------------------|--|
| | Native antigens for optimized antibody production |
| | Positive controls in ELISA and other antibody assays |
| Comment: | The tag is located at the C-terminal. |
| Restrictions: | For Research Use only |

Handling

| Concentration: | 50 μg/mL |
|------------------|---|
| Buffer: | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

Images



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