

# Recombinant Mouse METAP2 Protein (His Tag)

RPES2400

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES2400

**Purity:** > 88 % as determined by reducing SDS-PAGE.

**Contents:** 50µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Mouse

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

**Synonyms:** 4930584B20Rik,  
A930035J23Rik, AI047573, AL024412,  
AU014659, Amp2, Mnpep, p67, p67eIF2

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.  
Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** C-His

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** Baculovirus-Insect Cells

**Bio-Activity:** Measured by its ability to remove methionine from a fluorogenic peptide substrate H-Met-Gly-Pro-AMC (Catalog # ES017). The resulting GP-AMC is cleaved by Recombinant Human DPPIV/CD26 (Catalog # 1180-SE). The specific activity is > 15 pmol/min/µg

**Calculated MW:** 54.3 kDa

**Formulation:** Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% glycerol Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** 60 kDa

**Reconstitution:** Please refer to the printed manual for detailed information.

**Accession:** O08663

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Source:** Baculovirus-Insect Cells-derived Mouse METAP2 protein Ala 2-Tyr 478, with an C- terminal His

**Sequence:** Ala 2-Tyr 478

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.

**Form:** Lyophilized powder