

Title (en)
BIOMARKER FOR MELK ACTIVITY AND METHODS OF USING SAME

Title (de)
BIOMARKER FÜR MELKAKTIVITÄT UND VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)
BIOMARQUEUR DE L'ACTIVITÉ DE MELK ET SES PROCÉDÉS D'UTILISATION

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Application
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Abstract (en)
[origin: WO2015073509A2] The methods of the present invention, relate to the surprising determination that the level of phosphorylation of position 406 (e.g., a serine residue.) of human eukaryotic initiation factor 4B (eIF4B), or a corresponding phosphorylatable amino acid of an ortholog thereof, serves as a biomarker for MELK enzymatic (e.g., kinase) and/or oncogenic activity. The methods of the present invention further relate to the surprising determination that the level of phosphorylation of position 3 (e.g., a threonine residue) and/or position 10 (e.g., a serine residue) and/or position 11 (e.g., a threonine residue) of human eIF4B, or a corresponding phosphorylatable amino acid of an ortholog thereof, also serves as a biomarker for MELK enzymatic (e.g., kinase) and/or oncogenic activity.

IPC 8 full level
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