

Recombinant Mouse S100A15 / S100A7A Protein (His & MBP tag)

Cat.NO.: TP06288

3th Edition

Synonyms:AY465109;Gm1020;S100a15;S100a15a;S100a1711;S100A7f;S100A7L1

Description:Koebnerisin is also known as protein S100-A7A (S100A7A), S100 calcium-binding protein A7-like 1 (S100A7L1) or S100 calcium-binding protein A15 (S100A15). Human S100A7A / S100A15 is a novel member of the S100 family of EF-hand calcium-binding proteins and was recently identified in psoriasis, where it is significantly upregulated in lesional skin. S100A7 is expressed by both normal cultured and malignant keratinocytes and malignant breast epithelial cells within ductal carcinoma in situ, suggesting an association with abnormal pathways of differentiation. S100A7 plays a role in the pathogenesis of inflammatory skin disease, as a chemotactic factor for hematopoietic cells. It also plays a role in early stages of breast tumor progression in association with the development of the invasive phenotype. The association of the 11.2 kDa S100A7A / S100A15 with psoriasis suggests that it contributes to the pathogenesis of the disease and could provide a molecular target for therapy.

Form:PBS

Molecular Weight:56.5 kDa

Sequences:Met 1-Tyr 108

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.