SANTA CRUZ BIOTECHNOLOGY, INC.

2310057J18Rik (m): 293T Lysate: sc-117908

BACKGROUND

2310057J18Rik, also known as 2210414P04Rik or UPF0762 protein C6orf58 homolog, is a 337 amino acid secreted protein that belongs to the UPF0762 family. The human homolog to 2310057J18Rik, C6orf58, contains 330 amino acids and belongs to the same protein family. The gene encoding C6orf58 maps to human chromosome 6. Making up nearly 6% of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatiblity complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: 2310057J18Rik (mouse) mapping to 10 A4.

PRODUCT

2310057J18Rik (m): 293T Lysate represents a lysate of mouse 2310057J18Rik transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

2310057J18Rik (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive 2310057J18Rik antibodies. Recommended use: 10-20 µl per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.