

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

[Chuk^{tm1Aki}](#)/[Chuk^{tm1Aki}](#)

RRID:MGI:3609425

Type: Organism

Proper Citation

RRID:MGI:3609425

Organism Information

URL:

Proper Citation: RRID:MGI:3609425

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal keratinocyte differentiation, cellular phenotype, tight skin, abnormal epidermis suprabasal layer morphology, thick epidermis, abnormal limb morphology, shortened head, small cranium, epidermal hyperplasia, short limbs, short tail, shiny skin, parakeratosis, neonatal lethality, complete penetrance, impaired skin barrier function, short snout, abnormal epidermis stratum spinosum morphology, abnormal epidermis stratum basale morphology, abnormal limb bud morphology, abnormal craniofacial bone morphology, abnormal epidermis stratum corneum morphology, absent epidermis stratum granulosum, abnormal hair follicle development

Affected Gene: Chuk

Genomic Alteration: tm1Aki

Catalog Number: 3609425

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10195895](#)

Organism Name: Chuk^{tm1Aki}/Chuk^{tm1Aki}

Record Creation Time: 20240120T190613+0000

Record Last Update: 20240130T202012+0000

Ratings and Alerts

No rating or validation information has been found for Chuk^{tm1Aki}/Chuk^{tm1Aki}.

No alerts have been found for Chuk^{tm1Aki}/Chuk^{tm1Aki}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.