The specific function of this gene has yet to be determined in humans; however, in rodents, it is necessary for survival of the forebrain mesenchyme and may also be involved in development of the cervix. Mutations in the mouse gene lead to neural tube defects such as acrania and meroanencephaly.

GeneCards Summary for ALX1 Gene

ALX1 (ALX Homeobox 1) is a Protein Coding gene. Diseases associated with ALX1 include Frontonasal Dysplasia 3 and Widow's Peak. Gene Ontology (GO) annotations related to this gene include DNA-binding transcription factor activity and protein heterodimerization activity. An important paralog of this gene is ALX4.