

Product datasheet for **KN203354RB**

UXS 1 (UXS1) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: RFP-BSD

Symbol: UXS 1

Locus ID: 80146

Components: **KN203354G1**, UXS 1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)
KN203354G2, UXS 1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)
KN203354RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.
GE100003, scramble sequence in pCas-Guide vector

Disclaimer: These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

RefSeq: [NM_001253875](#), [NM_001253876](#), [NM_025076](#), [NR_045607](#)

UniProt ID: [Q8NBZ7](#)

Synonyms: SDR6E1; UGD

Summary: This gene encodes an enzyme found in the perinuclear Golgi which catalyzes the synthesis of UDP-xylose used in glycosaminoglycan (GAG) synthesis on proteoglycans. The GAG chains are covalently attached to proteoglycans which participate in signaling pathways during development. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2014]



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Product images:

